19970618.qrp qrp-por0.760
>From owner-qrp-l@Lehigh.EDU Tue Jun 17 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
>   by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA01725
>   for <shimshon@uro.theporch.com>; Tue, 17 Jun 1997 18:03:50 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
>   by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA18717
>   for <shimshon@theporch.com>; Tue, 17 Jun 1997 23:03:37 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34876-69998>; Tue, 17 Jun 1997 19:03:20 -0400
>Date: Tue, 17 Jun 1997 19:03:06 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 760
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jun17.190320edt.34876-69998+138@fidoii.cc.Lehigh.EDU>
>Status: O

QRP-L Digest 760

Topics covered in this issue include:

  1) [21455] Information on Envirotronics ? Paddles VR Vibrokeyer
     by James Griffith <GriffithJ@ricks.edu>
  2) [21456] Index saga..........
     by k8cv@juno.com (Walt D Amos)
  3) [21457] Re:Butternut Vertical Efficiency?
     by Ed Loranger <we6w@qsl.net>
  4) [21458] loop skywires
     by Bob Hirsch <bobh@p3.net>
  5) [21459] INDEX...
     by Ed Tanton <n4xy@bellsouth.net>
  6) [21460] Apologies ...
     by mdwatt@usit.net (Marty Watt)
  7) [21461] Connectors between panel/batt/rigs?
     by Joe Gervais <vole@primenet.com>
  8) [21462] QRP DX
     by K4NK@aol.com
  9) [21463] Environtronic Inc.
     by adams@chuck.dallas.sgi.com (Chuck Adams)
 10) [21464] Re: FS Ten Tec Scout
     by Dennis Rieger <kk5db@worldnet.att.net>
 11) [21465] Re: Index saga..........
     by Bill Todd <bill@techline.com>

12) [21466] RE: TiCK Question
    by n4js@amsat.org
13) [21467] Looking for SLT drawings/schematics - Rainbow Bridge
    by Dana E Hager <dehager@ix.netcom.com>
14) [21468] 40673 MOSFET Question
    by Bill Meara <wmeara@erols.com>
15) [21469] South Central (AK) Amateur Radio Club Newletter Online
    by "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
16) [21470] *NEW* Kenwood Reflector!!!
    by ShortCkt <SHORTCKT@primenet.com>
17) [21471] FS: JPS NIR-12 and YAESU FL-110
    by Gary M - W2UX <MAIL4GARY@worldnet.att.net>
18) [21472] Re: loop skywires
    by "Bob Kellogg" <ae4ic@nr.infi.net>
19) [21473] Re: St Louis Vertical/ dipole - TVI problem
    by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
20) [21474] MFJ Keyboards
    by kd7s@psnw.com (Bill Jones)
21) [21475] NE-602 vs NE-612 chips.
    by tshilhanek@juno.com (Terence J Shilhanek)
22) [21476] Re: Bumblebee #13 wins SST
    by talljazz@teleport.com (Dan Presley)
23) [21477] Re: NE-602 vs NE-612 chips.
    by Ed Tanton <n4xy@bellsouth.net>
24) [21478] Re: 30mtr ant from Hustler parts...
    by "KA5T Larry Wise" <lewise@inetport.com>
25) [21479] Mods Request 80 Meter Centennial
    by Jerry Parker <jparker@fix.net>
26) [21480] Re: 40673 MOSFET Question
    by Alan Kaul <kaul@netcom.com>
27) [21481] QRP in VHF contest (kinda long)
    by JOppen6115@aol.com
28) [21482] Re: loop skywires
    by Martin Squicciarini <skitch@resuba.com>
29) [21483] FIELD DAY
    by k4wz@juno.com (ron l todd)
30) [21484] help 38s probs
    by MSU1972@aol.com
31) [21485] results of key question
    by MSU1972@aol.com
32) [21486] (LONG) 50-40-30 FINAL LOG: CT, 6/10/97, AA1MY
    by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
33) [21487] SST on 10mtrs ???
    by "ukii" <ukii@megsinet.net>
34) [21488] Re: Index contact number please
    by Dick Pascoe G0BPS <Dick@kanga.demon.co.uk>
35) [21489] Re: SST on 10mtrs ???
    by wb2vuo@juno.com (William K Hibbert)

36) [21490] Re: FIELD DAY
    by Bill Todd <bill@techline.com>
37) [21491] Re: SST on 10mtrs ???
    by Dan Hogan <dhhogan@lightside.com>
38) [21492] SST Field-Test notes From the Wilderness Engineering Lab
    by svecbrdk@well.com (L.Svec,W.Burdick)
39) [21493] Packet QSO's for Fday
    by Bill Todd <bill@techline.com>
40) [21494] Internal power for the SST
    by Chris Cartwright <ccart@dns.vidtel.com>
41) [21495] RE: [CW] CW QSOs
    by tgordish@concentric.net
42) [21496] FS: Ten-Tec OMNI V Station, mostly mint
    by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
43) [21497] Re: St Louis Vertical/ dipole - TVI problem
    by "Rick Hadley" <r.hadley@www.mebbs.com>
44) [21498] Re: FIELD DAY
    by adams@chuck.dallas.sgi.com (Chuck Adams)
45) [21499] Re: St Louis Vertical/ dipole - TVI problem
    by Ed Loranger <we6w@qsl.net>
46) [21500] Re: FIELD DAY
    by Rick Powell - WB6JBM <ripowell@mpna.com>
47) [21501] Epiphyte Info?
    by SNickrand@aol.com
48) [21502] SSB QRP for FD
    by "Kevin F. Glynn" <KFGlynn@prodigy.net>
49) [21503] Portable Paddle
    by n4js@amsat.org
50) [21504] Yaesu 757 Spectrum Analyzer
    by PDouglas12@aol.com
51) [21505] 50/40/30 Calif. THURSDAY, 6/19
    by Ed Loranger <we6w@qsl.net>
52) [21506] Re: 50/40/30 Calif. THURSDAY, 6/19
    by Ed Loranger <we6w@qsl.net>
53) [21507] Re: loop skywires
    by emaaro@pacbell.net
54) [21508] Freq Change:50/40/30 Calif. THURSDAY, 6/19
    by Ed Loranger <we6w@qsl.net>
55) [21509] Re: Portable Paddle
    by "Paul Christensen" <paulc@mediaone.net>
56) [21510] Re: RF Noise while mobile
    by Bill Howell <bhowell@mail.utexas.edu>
57) [21511] Re: (LONG) 50-40-30 FINAL LOG: CT, 6/10/97, AA1MY
    by "David D. Meacham" <ddm@datatamers.com>
58) [21512] Orvis Clip-On Magnifiers
    by Zack Lau <zlau@arrl.org>
59) [21513] Re: RF Noise while mobile
    by Ed Loranger <we6w@qsl.net>

60) [21514] 38s Digital Display *AND* 24hr CLOCK!
    by Rohn <rohn@pubrats.com>
61) [21515] WBL Designs V22
    by Rohn <rohn@pubrats.com>
62) [21516] Re: GQRP - Info MFJ 9420
    by AA0QX <AA0QX@prodigy.net>
63) [21517] Re: 38s Digital Display *AND* 24hr CLOCK!
    by Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
64) [21518] 38s Digital Display *AND* 24hr CLOCK!
    by Rohn <rohn@pubrats.com> (by way of Jerry Parker <jparker@fix.net>)
65) [21519] Re: Orvis Clip-On Magnifiers
    by Steve Galchutt <N0TU@webaccess.net>
66) [21520] Logging Program Survey
    by mdwatt@usit.net (Marty Watt)
67) [21521] Re: MFJ-418 Review [long]
    by mdwatt@usit.net (Marty Watt)
68) [21522] Index labs service, etc.
    by Jim W7LS <w7ls@brigadoon.com>
69) [21523] QEX, info, etc. (was Re: Index labs service, etc.)
    by "Dana H. Myers" <myers@bigboy.West.Sun.COM>
70) [21524] Re: 38s Digital Display *AND* 24hr CLOCK!
    by rob3ert@juno.com (Robert G. Parks)
71) [21525] 38S: filter xtal question
    by Paul Erickson <paul1@wizard.ucs.sfu.ca>
72) [21526] RE: WBL Designs V22
    by n4js@amsat.org
73) [21527] Re: Portable Paddle
    by n4js@amsat.org
74) [21528] Envirotronic Inc.
    by adams@chuck.dallas.sgi.com (Chuck Adams)
75) [21529] RE: [CW] CW QSOs
    by Bob Hirsch <bobh@p3.net>
76) [21530] Re: SSB QRP for FD
    by Bill Todd <bill@techline.com>
77) [21531] FS: Heathkit HW-9 and Accessories
    by mus_jdr@vino.emcmt.edu
78) [21532] 38S vs. SST
    by Kory Hamzeh <kory@avatar.com>
79) [21533] QRP category restored in Canada Day Contest !!
    by VE3JC John <jbcumming@wwdc.com>

Date: Mon, 16 Jun 1997 17:09:15 -0700
From: James Griffith <GriffithJ@ricks.edu>
To: qrp-l@Lehigh.EDU
Subject: [21455] Information on Envirotronics ? Paddles VR Vibrokeyer
Message-ID: <s3a573ce.002@ricks.edu>

iambic.

Am in a trade with a fellow ham. He has a Vibrokeyer iambic, gray base and a set of Envirotronics Paddles. Not sure it's spelled right, but close. I have not heard any thing about the Envirotronics, but do know that the Vibrokeyer are good paddles. As I understand there are two sizes of Envirotronics paddles, this is the smaller of the two. Any approximate prices would help. TNX

Jim, WA7NDD
griffithj@ricks.edu

Will be gone for two days, but will read the mail as soon as I get back, to complete the trade.

Date: Mon, 16 Jun 1997 22:30:12 GMT
From: k8cv@juno.com (Walt D Amos)
To: aa035@detroit.freenet.org
Cc: qrp-l@Lehigh.EDU
Subject: [21456] Index saga..........
Message-ID: <19970616.223023.9886.2.k8cv@juno.com>

Well I think I finally got through to him.............got an obscene phone call today..... all he said was " F**K YOU " and hung up.............. :-)) Yes, I will NOT be getting my radio back.............. :-((I sent a post to the advertizing guy at ARRL that he might have sent my radio to SGC and I also sent a post to SGC MARKETING and someone must have gotten through to Bruce Franklin.............. he he

First time I have been burned by a ham in 40 years of ham buying.....

You win some , you lose some, life goes on.....

Hummm , now where is that phone number for the guy on TV that goes after scams.

Walt K8CV

Date: Mon, 16 Jun 1997 16:53:42 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: we6w@qsl.net
Subject: [21457] Re:Butternut Vertical Efficiency?
Message-ID: <33A5D206.649A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It seems apparent y'all might want to look
at the Butternut Vertical patent,4442436
(Or others hi).

http://patent.womplex.ibm.com/

Another patent server, covering mostly Bibliographic info is at:
http://patents.uspto.gov/

But entire documents are harder to find there.

-Ed L.

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Mon, 16 Jun 1997 19:53:52 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@Lehigh.EDU
Subject: [21458] loop skywires
Message-ID: <3.0.1.32.19970616195352.006f5fb8@p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To all of you who are using "loop skywire" type antennas, (large,
horizontal loop users) --

Are you satisfied with the DX performance or is it only being used for
local contacts?

I've had one for a couple of years fed with ladder line and find it to be a
good antenna for local contacts, but not very good for DX.

Others?

==========
73 de Bob, W3CW
New Hope Pennsylvania
==========
fists #2491
qrp-arci #8700
qrp-l #450
==========

Date: Mon, 16 Jun 1997 20:25:21 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [21459] INDEX...
Message-ID: <3.0.1.32.19970616202521.00aae6e0@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 16 Jun 1997 20:14:55 -0400
>To: k8cv@juno.com
>From: Ed Tanton <n4xy@bellsouth.net>
>Subject: INDEX...
>In-Reply-To: <19970616.223023.9886.2.k8cv@juno.com>
>
>I have to say Walt that-while I empathize with what seems to me to have
been a rough time of it for Bruce-there is no excuse for such behavior
ever. I would contact a good lawyer (is that a contradiction in terms?),
and have him write a letter to Bruce and SGC.
>
>Bruce did not-as far as I know-file for any sort of Chapter ##
Bankruptcy/Protection and EVEN if his company was incorporated, he may be
held liable, PERSONALLY, regardless of whatever deal he may have made with
anyone else-if it can be shown that he has acted in an irresponsible
manner. The below partial-dialog certainly sounds irresponsible to me.
Further, his confiscation of your radio and refusal to return it is
tantamount to theft-by-taking as far as I am concerned, and it sounds to me
like the Attourney General of the state of Washington needs to be informed
of this conversation.
>
>I have mostly kept quiet during this whole business for several reasons:
>   While I owned (I sold it recently) a QRP +, I never did opt for the
somewhat questionable upgrade;
>   It often sounded to me like Bruce had made a deal with SGC that WAS NOT A

SWEETHEART DEAL... it could've been, it just didn't seem like it was in trying to read between the lines;
>   I do not believe Bruce was remotely prepared for the onslaught of requests for attention that followed-his mistake however: he should have sold ALL rights and whatever to the QRP + and included the STANDARD version of: "You will also assume all maintenance, etc. etc." to SGC... either they suckered him or he had some reason to retain the maintenance... not smart from a hindsight view;
>   I liked Bruce the several times I talked to him, and felt like he was probably overwhelmed-not dishonest, not mean-spirited... just a techie who was far too challenged with the business side of things. I still hold that view, but believe he has probably reached a plateau where he has had enough and it just hardly matters any more: 'EVERYBODY is unhappy... so the heck with the whole thing."
>
>So, if I can empathize so much with Bruce, why do I think you should call your lawyer? Because sometimes people need a good reality check to remind them that they should organize their affairs, prioritize the tasks at hand, communicate the list to everyone, and get back to work. I believe he has gotten up to his neck in alligators, and has forgotten that the original objective was just to drain the swamp. Telling you that 'you are not going to get your radio back,' and 'screw you' is ignoring the very real consequences that can be pursued by someone who feels as wronged as you probably do. It has obviously stopped being a matter of business and property for Bruce (and likely for you) and become one of emotion and right and wrong. That is exactly why we have lawyers, and Attournies General, etc.
>
>I am NOT in any way speaking FOR Bruce. This is supposition on my part, but appears to be where things stand. I don't care what YOU may have said or done, telling you that you cannot have your radio back is not legal and is not right. Address it properly from here on out. Keep records. Find your original UPS/whatever receipt-if you can. Keep track-make a list NOW-of dates and conversations. If you do not have a lawyer-friend, most lawyers will write such a letter for you for $50 or so, and you can balance that against not seeing your rig again. Make certain he mentions something about 'sabotage' and 'returned in proper working order" in the letter. Make certain everyone understands that-at this point-all you want is your WORKING radio back. This cannot possibly be a desirable situation for SGC either.
>
>Please keep us all posted. It is really sad that it has come to this kind of thing, it was a nice piece of engineering.
>
>
>
>At 10:30 PM 6/16/97 GMT, you wrote:
>>Well I think I finally got through to him.............got an obscene
>>phone call today..... all he said was " F**K YOU " and hung

>>up.............. :-)) Yes, I will NOT be getting my radio
>>back.............. :-((I sent a post to the advertizing guy at ARRL
>>that he might have sent my radio to SGC and I also sent a post to SGC
>>MARKETING and someone must have gotten through to Bruce
>>Franklin.............. he he
>>
>>First time I have been burned by a ham in 40 years of ham
>>buying.....
>>
>>You win some , you lose some, life goes on.....
>>
>>Hummm , now where is that phone number for the guy on TV that goes after
>>scams.
>>
>>Walt K8CV
>>
>>
>>
72/73

____
Ed Tanton   N4XY   EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
____
QRP-ARCI #7663   G-QRP #6779   OK-QRP #172   QRP-L #758
AdvRC #140   NORCAL #1779   NCDXF   SEDXC

Life Member: ARRL   AMSAT   INDEXA   QCWA
____

INTERESTS: DX   QRP   BoatAnchors Test Equipment Photography
CW: 99.9%   QRP: 95-100% (Mood swings!)   Mercury Paddle #0214
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

Date: Tue, 17 Jun 1997 00:32:32 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU, tentec@contesting.com
Subject: [21460] Apologies ...
Message-ID: <33b1d992.211968838@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

cc: TenTec@contesting.com

A fellow QRPer whom I hold in high regard expressed annoyance
privately at my "daily" FS posts on the Argo and other equipment.

While they were not daily (a little forgivable and understandable
licence on the part of my e-mail correspondent), they have been too
frequent. Not to mention, I had forgotten the request of the list
owner that "sold" updates not be posted to the list. Yet another
transgression. I'll be in confession and doing penance for months!

My apologies, to those here (QRP-L) and on TenTec reflector, for my
very embarrasing lack of respect for the lists.

I still have not received a definitive answer on the ceasation of
production of the Argo 556 -- will post when I recieve one, since
this is the last major multi-band QRP gear produced. I saw the
message on TenTec, but deleted it accidentally.

Again, my apologies ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

Date: Mon, 16 Jun 1997 17:43:02 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [21461] Connectors between panel/batt/rigs?
Message-ID: <199706170043.RAA25200@usr06.primenet.com>

Howdy Gang,

I seek to drink from the collective QRP-L Fount of Knowledge.
Yeah I know, I'm way over my limit. :)

Very close to buying a solar panel and 3AHr gel cell for
backcountry operating (foot mobile, as you may recall) and
I've hit the final step - how the heck do ya hook it all
~~~~~~

together?!?

The cable from the panel/regulator needs to feed (at various times) either the battery or the rig itself via direct connection (with the usual precautions). In fact the panel will have to feed various rigs over time, since I hope to have a WM-20 and SST in my future. :)

So.... what's a universal way to hook them all together? I was thinking of cigarette-lighter type plugs, since they're everywhere. Plus I own a male lighter plug that has 8 or so different selectable power connectors on the other end. Can make it fit any rig I own.

OTOH, cig-lighter plugs seem a bit bulky and not as secure as I'd like. Is there a better Grand Unifying Connector out there? Or is the only alternative making a slew of special purpose connectors?

Perspiring minds want to know!

Thanks, and hope your Monday was bearable.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the
 forest with... A HERRING!"

Date: Mon, 16 Jun 1997 20:50:17 -0400 (EDT)
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21462] QRP DX
Message-ID: <970616204707_553338484@emout13.mail.aol.com>

QRP-Lers;

     Even though the propagational index's are saying ..BLAH. I have been able to work CU2 ,IK5 ,EA8 ,CT1 ,and G3 all TWO-WAY QRP this weekend. Rig TTargonaut 509   4watts   3 El. Telex.   20 meters around 14.060 22:00z -01:00z

72 Les K4NK

Date: Tue, 17 Jun 1997 01:57:19 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [21463] Environtronic Inc.
Message-ID: <199706170057.BAA18996@chuck.dallas.sgi.com>

Someone posted to the qrp-l group an inquiry and I was in the process of a response and POW*BAM*ZAP disconnect on the modem. If you are on tonight and wondering where the QRN is coming from, I can tell you the general area near Dallas.

Here is what I saved from the screen buffer (just love graphics systems):

Jim,

Must be the sunspot cycles. I just got email about the information on the paddles from someone looking at my web page.

Here is what I have:

Envirotronic Inc.
526 Silverlake Road
St Paul, MN 55112
(612) 633-8551

Gene Thoma N0LSS, owner and craftsman

The last price that I had on the smaller paddle, Model 501F, was $54.95 plus shipping.

Anyone on the list who has later information, please post if you have ordered and received a paddle (either model) say within the last 30 days and the current pricing. I know the phone number is still good and will try again tomorrow.

Don't quote me on the pricing, wait until a specific figure is verified from Envirotronic. I still have pics on the web page (see signature file).

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

Date: Mon, 16 Jun 1997 18:05:28 -0700
From: Dennis Rieger <kk5db@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [21464] Re: FS Ten Tec Scout
Message-ID: <33A5E2D8.4126@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks for the replys. The Scout is sold.

72 Dennis   KK5DB

Date: Mon, 16 Jun 1997 17:28:00 -0700
From: Bill Todd <bill@techline.com>
To: k8cv@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [21465] Re: Index saga.....
Message-ID: <1.5.4.32.19970617002800.006b3630@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:30 PM 6/16/97 GMT, you wrote:
>Well I think I finally got through to him.............got an obscene
>phone call today..... all he said was " F**K YOU " and hung
>up.............. :-))

Walt - I know you are frustrated. No one likes to "get burned" as you say.

However, I know bruce pretty well, and I cannot believe that he said that to
you on the phone. Even if he did...(which I doubt), I wish I had been a bug
on the wall to see what you might have said to provoke that kind of response.

Now...don't get angry at me pal - I have not called you any names...it just

seems so out of character for him to have responded in that way, unless he had become fairly provoked.

(I can almost hear the onrush of angry responses from QRP+(+) owners who are unhappy. So, before you all gang up on me for defending a friend...think before you jump on the pig pile).

BCNU,
CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: Mon, 16 Jun 1997 19:31:31 -0400 (EDT)
From: n4js@amsat.org
To: Paul Christensen <paulc@mediaone.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21466] RE: TiCK Question
Message-ID: <XFMail.970616193232.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

On 16-Jun-97 Paul Christensen expounded:
>Is it possible to program the TiCK such that the sidetone is normally
>muted
>while in a QSO, but activates only upon programming, speed changes, etc?
>What I'm trying to accomplish is to use the rig's own sidetone during
>normal use.
>Thanks!
>
>-Paul
>

Use the "A" command to the TiCK.

(I thunk that's the one that silences the sidetone.)

Sent at 19:32:32 on 16-Jun-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50

NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

Date: Mon, 16 Jun 1997 20:41:50 -0700
From: Dana E Hager <dehager@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [21467] Looking for SLT drawings/schematics - Rainbow Bridge
Message-ID: <33A6077D.74B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After searching the archives (WOW, a lot of stuff in there) I hope someone can point me in the right direction. I am looking for help on where I might find information on the St. Louis Tuner. I am building a SLV w/ the coil mod and would like to build a tuner to go with it. Any information would be of great help.

Has anyone thought of putting the Rainbow Bridge in a homebrew tuner ? If so, what kind of tuners, any problems.

Dana E Hager
Nazareth, PA

Date: Mon, 16 Jun 1997 21:38:25 -0400
From: Bill Meara <wmeara@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [21468] 40673 MOSFET Question
Message-ID: <199706170139.VAA27029@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings fellow QRPers!

Signed up for the list yesterday. I've lately been primarily been involved in Boatanchors activity, but I've been interested in QRP for a long time. I ran homebrew
5 watt VXO rigs (from QRP Classics) on 20 and 30 from the Dominican Republic from 1993 - 1996. Also had (have!) an HW-8. Lots of fun!

Right now I'm getting ready to build Doug DeMaw's "Barebones Superhet" receiver from the June 1982 QST. I have question for the group:

Are the 40673 Dual Gate MOSFETS still available? Seems most of the projects in QRP classics make use of this device. Is it available under another designation? Any tips on sources? Any close substitutes?

73 de N2CQR
Bill Meara
QTH: Falls Church, Virginia, USA
Formerly of Tegucigalpa, Bilbao and Santo Domingo
wmeara@erols.com
http://www.mindspring.com/~johnmb/billm.htm

Date: Mon, 16 Jun 1997 18:27:59 -0800
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [21469] South Central (AK) Amateur Radio Club Newletter Online
Message-ID: <33A5F62F.6254@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forwarded info:

"Dear friends...

The SCRC June Newsletter is up on the web...Don't forget to tell all your friends.

Remember kids, you heard it here first..

Once again, the address is:
http://www.servcom.com/worcester

With much respect and admiration,

Len, WL7IM
Webmaster"

73,
Jim
--
Jim Larsen
Vision VR40
Acupressure Anchorage

AL7FS   ex-WA0LPK / KL7
Anchorage, Alaska

Date: Tue, 17 Jun 1997 02:32:10 +0100
From: ShortCkt <SHORTCKT@primenet.com>
To: azqrp@dancris.com, BitBucket@qsl.net, forsale-swap@qsl.net, Fox_Tango@qsl.net
Cc: ham-books@qsl.net, Ham-Software@qsl.net, HEATH@LISTSERV.TEMPE.GOV,
HomeBrew@qsl.net
Subject: [21470] *NEW* Kenwood Reflector!!!
Message-ID: <3.0.1.32.19970617023210.006ef868@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kenwood is a mailing list (reflector) devoted entirely
to equipment manufactured by the Kenwood Communications
Corporation (Amateur Radio Products Group).

   * equipment, accessories
   * repairs, modifications, enhancements
   * questions, discussions, etc
   * buy, sell, trade, swap

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe kenwood

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: unsubscribe kenwood

To post items to the reflector, send email as follows:
TO: kenwood@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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HomeBrew is a mailing list (reflector) devoted to amateur radio
and electronics experimentation and construction:

   * building kits
   * scratch construction
   * radios, antennas, widgets

   * design
   * accessories
   * station construction
   * digital, analog, uP
   * repair, modification, surplus

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe homebrew

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: unsubscribe homebrew

To post items to the reflector, send email as follows:
TO: homebrew@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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Ham-Books is a mailing list (reflector) devoted to the literature
and periodicals of amateur radio:

   * publishers
   * magazines
   * newsletters
   * books
   * old and "collector" books
   * new book announcements

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe ham-books

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: unsubscribe ham-books

To post items to the reflector, send email as follows:
TO: ham-books@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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Ham-Software is a mailing list (reflector) devoted to software
of all types used for amateur radio:

   * logging
   * propagation prediction
   * digital modes
   * award tracking
   * commercial, shareware, freeware
   * electronic design and simulation
   * amateur software development

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe ham-software

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: unsubscribe ham-software

To post items to the reflector, send email as follows:
TO: ham-software@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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Fox_Tango is a mailing list (reflector) devoted entirely
to "vintage" and "classic" equipment manufactured by the
Yaesu Musen Co., Ltd. of Tokyo Japan.

   * equipment, accessories
   * collecting, restoring, refurbishing
   * buy, sell, trade, swap
   * repairs, modifications, enhancements
   * questions, discussions, etc
   * just plain operating old Yaesu stuff

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe fox_tango

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net

SUBJECT:
BODY: unsubscribe fox_tango

To post items to the reflector, send email as follows:
TO: fox_tango@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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Mobile-Portable is a mailing list (reflector) devoted to mobile
and portable operation of amateur radio (QRP and QRO, HF and VHF+):

* rigs, antennas, tuners
* installation
* batteries
* generators
* solar and alternative energy
* camping/RVs/backpacking
* laptop/palmtop computers
* portable packet
* roving and mountain-topping
* GPS, APRS

To be added to the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: subscribe mobile-portable

To be deleted from the mailing list, send email as follows:
TO: majordomo@qsl.net
SUBJECT:
BODY: unsubscribe mobile-portable

To post items to the reflector, send email as follows:
TO: mobile-portable@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

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BitBucket is a mailing list (reflector) devoted to
specialized amateur radio communication techniques.

-SSTV, ATV, FAX, APT, DSP, QRP, APRS
-Packet, Pactor, GTOR, Clover, AMTOR, RTTY
-R/C, Telemetry, Balloons, Rockets, Robotics
-homebrew, modifications, interfacing, widgets, etc

To subscribe:
TO: majordomo@qsl.net
SUBJECT:
BODY: SUBSCRIBE bitbucket

To unsubscribe:
TO: majordomo@qsl.net
SUBJECT:
BODY: UNSUBSCRIBE bitbucket

As we encourage the free exchange of ideas, if you pay for
email service by the byte you may want to consider carefully
before subscribing.

To submit materials:
TO: bitbucket@qsl.net

If you have questions or need assistance contact: k7on@qsl.net

---

bit bucket /n./

1. The universal data sink (originally, the mythical receptacle
used to catch bits when they fall off the end of a register
during a shift instruction). Discarded, lost, or destroyed data
is said to have `gone to the bit bucket'. On Unix, often used
for /dev/null. Sometimes amplified as `the Great Bit Bucket in
the Sky'.

2. The place where all lost mail and news messages eventually go.
The selection is performed according to Finagle's Law;
important mail is much more likely to end up in the bit bucket
than junk mail, which has an almost 100% probability of getting
delivered. Routing to the bit bucket is automatically performed
by mail-transfer agents, news systems, and the lower layers of
the network.

3. The ideal location for all unwanted mail responses: "Flames
about this article to the bit bucket." Such a request is
guaranteed to overflow one's mailbox with flames.

4. Excuse for all mail that has not been sent. "I mailed you those
figures last week; they must have landed in the bitbucket." Compare
black hole.

This term is used purely in jest. It is based on the fanciful

notion that bits are objects that are not destroyed but only misplaced. This appears to have been a mutation of an earlier term `bit box', about which the same legend was current; old-time hackers also report that trainees used to be told that when the CPU stored bits into memory it was actually pulling them `out of the bit box'. See also chad box.

Another variant of this legend has it that, as a consequence of the `parity preservation law', the number of 1 bits that go to the bit bucket must equal the number of 0 bits. Any imbalance results in bits filling up the bit bucket. A qualified computer technician can empty a full bit bucket as part of scheduled maintenance.

-Brian
shortckt@primenet.com

Date: Mon, 16 Jun 1997 11:01:37
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Cc: mail4gary@worldnet.att.net
Subject: [21471] FS: JPS NIR-12 and YAESU FL-110
Message-ID: <3.0.1.16.19970616110137.383fb472@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have for sale a JPS NIR-12 with box and manual. Mint condx. Just don't use it but it is a really nice unit. It does what they say it does for sure. Shipped for $215 in the 48 states.

Also for sale is a YAESU FL-110 (for when you need a little more than 5 watts, does not happen often I hope). Really nice condx. Does NOT have the mobile bracket. Comes with short cable and manual Checked out and works fine. Five in gives you about 30 out. Can handle 15 in and will give about 100 out.   For 160 thru 10 except no WARC bands. This unit was made to go with the FT-301s and the FT-7. These units are hard to come by these days. Shipped in the 48 states for $160.00.

Send email or call 803-822-5158 between 8 am and 4 pm eastern or evenings at 803-957-8421 between 7 pm and 9 pm.

Sorry but first come...first served.

```
=====================================
73 / 72            QRP ARCI # 8911
Gary - W2UX        QRP-L # 593
Lexington, SC      CQC #413
(EX: WA2UAX)
CW is the REAL THING!       Use it or lose it.
=====================================
```

Date: Mon, 16 Jun 1997 23:18:49 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <bobh@p3.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21472] Re: loop skywires
Message-ID: <199706170404.AAA24322@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bob,

I worked 30 countries including Japan and Australia in the recent WPX contest with mine. I was running QRP, of course. I couldn't tell much difference between the loop and my G5RV at about 55', but the loop covered more territory, I think. My loop is about 400' long and varies from 30' to 60' high. It's shape is sort of like a six sided egg.

Right now, it's the only antenna I have. Plans are to keep it as an omnidirectional while I put up some directionals.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> To all of you who are using "loop skywire" type antennas, (large,
> horizontal loop users) --
>
> Are you satisfied with the DX performance or is it only being used for
> local contacts?
>
> I've had one for a couple of years fed with ladder line and find it to be
a
> good antenna for local contacts, but not very good for DX.

>
> Others?

Date: Mon, 16 Jun 97 21:13:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-l@Lehigh.EDU
Subject: [21473] Re: St Louis Vertical/ dipole - TVI problem

>From: KKumar@tele-tv.com (Krishna Kumar)
>Is this normal that the harmonics will be radiated by a
>commercial rig?

Hi Krishna (and everyone else with TVI/RFI problems).
The front end of every receiver of any kind contains
an LC filter that has a certain response.

It is normally speced at the 3dB down points. But it can
be speced at any nn dB down points. Let's say that you are
on 40m and your TV front end filter is 120dB down at 7MHz.
All you have to do is put out a perfectly filtered signal
on 40m that is 120dB higher than the received TV signal
and you will have an equal signal through the front end.

This, my friends, is front end overload and the cure is
to get your ham antenna up and away from the TV antenna.
Short of high-pass filters, there is nothing that can be
done. This is NOT a HARMONIC problem. This is a front-end
problem. You just cannot have a relatively high-powered
transmitting antenna on any random frequency close to
a receiving antenna. In addition, mixing and rectification
can compound the problem.

I, personally, would not have an indoor antenna of any
kind (except a rubber ducky on an HT). I would never
put any HF transmitting antenna within 100 ft. of any
TV antenna. Trying to fool Mother Nature is just asking
for trouble.

73, Cecil, W6RCA, OOTC

Date: Mon, 16 Jun 1997 21:27:44 -0700 (PDT)

From: kd7s@psnw.com (Bill Jones)
To: qrp-l@Lehigh.EDU
Subject: [21474] MFJ Keyboards
Message-ID: <199706170427.VAA03151@sierra.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Friends,

Since there have been several questions about keyboard keyers, and specifically the MFJ keyboards, I thought I would share my experiences with the MFJ-451. I bought one when they first came out but it had problems. It was quite susceptible to r.f.i. and several features didn't work as advertised. I called tech-support and they asked me to return it to the factory for a new microprocessor and some filtering. They kept it for a couple months and only after several phone calls did I get it back. It worked for another three months and then died completely. I wasn't interested in spending the money to send it back again (even though there were still a few months of warranty left) so it got relegated to the junkbox.

Please don't misunderstand. I'm not bad-mouthing MFJ. I own several other MFJ products and have been very happy with them. In the case of the '451, I just got a lemon and made the decision to take my losses and not to spend any more money on it. That happens sometimes.
==========
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
==========

Date: Tue, 17 Jun 1997 01:20:34 EDT
From: tshilhanek@juno.com (Terence J Shilhanek)
To: qrp-l@Lehigh.EDU
Subject: [21475] NE-602 vs NE-612 chips.
Message-ID: <19970617.035647.4783.0.tshilhanek@juno.com>

Does anybody know if the NE-602 and the NE-612 double-balanced mixer/oscillator chips are interchangeable? Some qrp rigs use the NE-602 and some qrp rigs use the NE-612 chip. In fact, the 38SPL. rig list the NE-602 chip in the parts list but a NE-612 chip was placed in my kit of parts that I received.
I would appreciate any information on the above subject.

Terry, W0PFR

Date: Mon, 16 Jun 1997 22:25:24 -0700
From: talljazz@teleport.com (Dan Presley)
To: russ@natworld.com
Cc: qrp-l@Lehigh.EDU
Subject: [21476] Re: Bumblebee #13 wins SST
Message-ID: <v01530547afcbc73536b9@[206.163.125.113]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The first 20 people to sign up as Bumblebees (for the upcoming Flight of
>the Bumblebees, to take place on July 27) were eligible for a drawing.
>The prize--a brand new 20 meter SST.
>
>And..... the lucky winner is Bumblebee #13. Congratulations to Dan
>Presley, N7CQR, of Portland, Oregon.
>
>Want to know more about the Flight of the Bumblebees? Go to
>http://natworld.com/ars and click the icon for "events".
>
>Russ Carpenter, AA7QU
>Contest Manager for the Adventure Radio Society

WOW!! I've been very late checking my e-mail, so apologies for not responding sooner! I'm honored to recieve this for my 'lucky number' #13, and I plan to assemble it and give it the test ASAP-also, of course for the Bumblebee session in July. I still haven't built my 38 sp yet, but this goes to the 'head of the line'. You all can be looking for me and my SS(BEE)T on July 27 in the Eugene, Or vicinity-(Russ-I will need to consult with you on locations!)
Dan N7CQR

Date: Tue, 17 Jun 1997 01:36:36 -0400
From: Ed Tanton <n4xy@bellsouth.net>
To: tshilhanek@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21477] Re: NE-602 vs NE-612 chips.
Message-ID: <3.0.1.32.19970617013636.00a8d940@mail.atl.bellsouth.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This was a thread a week or two ago... they appear to be interchangeable
and for all intents and purposes the same. I don't recall thew details...
but noted at the time not to worry about it, and didn't retain the rest.

At 01:20 AM 6/17/97 EDT, Terence J Shilhanek wrote:
>   Does anybody know if the NE-602 and the NE-612 double-balanced
>mixer/oscillator chips are interchangeable? Some qrp rigs use the NE-602
>and some qrp rigs use the NE-612 chip. In fact, the 38SPL. rig list the
>NE-602 chip in the parts list but a NE-612 chip was placed in my kit of
>parts that I received.
>   I would appreciate any information on the above subject.
>
>   72
>
>   Terry, W0PFR
>
>
>
72/73

____
Ed Tanton   N4XY   EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
____
QRP-ARCI #7663   G-QRP #6779   OK-QRP #172   QRP-L #758
AdvRC #140   NORCAL #1779   NCDXF   SEDXC

Life Member: ARRL   AMSAT   INDEXA   QCWA
____

INTERESTS: DX   QRP   BoatAnchors Test Equipment Photography
CW: 99.9%   QRP: 95-100% (Mood swings!)   Mercury Paddle #0214
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

Date: Tue, 17 Jun 97 05:54:04
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>, "randyh@harksystems.com" <randyh@harksystems.com>
Subject: [21478] Re: 30mtr ant from Hustler parts...
Message-ID: <199706170554.AAA11088@admin.inetport.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Randy and Gang:

Here's another slant on this idea.....

I too have some Hustlers that I use on the WARC bands if I can't get up a dipole...

No... I don't try to get up a dipole running mobile, I mostly use these when I am out with the camping trailer. With the old trailer I could use a Mag mount since the roof was made of galvanized steal. With the new one which has a rubber covered plywood roof I just C-clamp an L bracket base to the awning bracket.... but I digress...

I have settled on using the KW versions of the coils since they are supposed to be a little more efficient than the 400 W versions...

With the large coil I could not get the 20M coil lower than about 10.8 mhz with a 47 1/2 in whip, my longest... And like you, I found that the 40M coil would only make it to about 9.8 mhz with no whip at all...

What I did for this band was to take a 40M coil and take it apart and remove turns from the top and bottom to leave 27 turns. (The 40M coil has 45 turns). This allowed me to get to 30M with about 14 1/8 inches of whip above the compression nut. (Using the standard 20M whip)
I started with 33 turns which I saw in a mag somewhere, sometime, and that worked but only used about 6 inches of whip above the compression nut. I just kept reducing the number of turns until I got into the range of one of the standard whips... Not very scientific, but it works!!
(And besides I didn't like the looks of that antenna with the short little whip on it!!!
More heavy science!)

I didn't cut the coil form down in length because I didn't think of it when I had it apart, but you could to reduce the size if that's a factor....

(And all this work because I was too chintzy to pay eight bucks for one of those

looooong
whips!!!)

Similarly for 17M I cut down a 20M coil to 18 turns (The 20M coil has 23 turns) and get to
17M with about 3 1/2 inches of whip above the compression nut. (For some unknown reason
this coil had the 9 1/4 inch whip mounting tube on the top end of the coil, instead of the 6 1/4 inch
version that is on all the other 20M coils that I have.)

Because of the short whip on this band I may remove some more turns. The 15M coil has 14 turns
on it, so the 17 will probably come in 15 16 or 17 turns...(heavy math here... :-))

Of course, according to the charts, you should be able to get to 17M with a 15M coil and about
22 inches of whip. But.... I had three 20M coils and one 15M coil sooo.....

For 12M I use the 10/11M coil and get to 12M with about 24 inches of whip...

The bad thing about diddling with the coils is that you have to destroy that large diameter
plastic outer cover (shrink tubing I believe..). I just slit the cover with an xacto type knife, and
re-assemble the whole works with some good ole' 3M white electrical tape and let it be..
Don't look as pretty as the new ones, but works just as well... (Now the next time I go through
Mineral Wells, Tx.....)

Those antenna analyzers sure make fiddling with antennas fun....I have the MFJ259 and
love it...

Larry
KA5T lewise@inetport.com

Date: Mon, 16 Jun 1997 23:43:21 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU

Subject: [21479] Mods Request 80 Meter Centennial
Message-ID: <2.2.32.19970617064321.008aa024@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am building the Centennial from Dan's Small Parts and Kits

and am looking for info on mods.

I know some of you have built this rig and have made mods so

how about sharing with me.

Thanks,,,72,,,Jerry...WA6OWR...K

Date: Tue, 17 Jun 1997 00:08:27 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: Bill Meara <wmeara@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21480] Re: 40673 MOSFET Question
Message-ID: <Pine.3.89.9706162311.A10007-0100000@netcom2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

[<Alan Kaul, W6RCL>] kaul@netcom.com

On Mon, 16 Jun 1997, Bill Meara wrote:
> Right now I'm getting ready to build Doug DeMaw's "Barebones Superhet"
> receiver from the June 1982 QST. I have question for the group:
>
> Are the 40673 Dual Gate MOSFETS still available? Seems most of the
> projects in QRP classics make use of this device. Is it available under
> another designation? Any tips on sources? Any close substitutes?

Bill .... I built it using two substitutes----a 3N201 where a 4-pin
device was required, and an MPF-102 where a three-pin device would
suffice (i.e. when two of the gates are connected to each other on the

circuit board foil at the device).

I have one major complaint -- audio!!

I used it very successfully to work from a handful of DX QTH's (paired with the so-called ''universal'' transmitter with a pair of MRF-472's or MRF-476's (depending on what year you tried to find them!!). As JY9RL in 1985-87, I worked almost 100 countries (including 17 of the Russian Republics). Of course, the JY prefix was worth 30dB.

The audio fix I settled on was to build a LM386 amp on a Radio Shack 20-pin dip board (there's a couple of good versions of this perennial audio stage in various editions of QRPp, but I must tell you the one I like best is the last one I built -- it's the audio amp out of the MFJ 9040, but I found it written up in NA5N, Paul Harden's Data Book for Homebrewers and QRPers, Quicksilver Printing, Socorro, NM). The TL-series audio amp in the original DeMaw design just doesn't have the output -- so I use the TL-081 as an audio driver for the LM386.

A friend, incidentally, built the same rig using 3N211's -- so I think you have lots of flexibility. I put my rig on 20M, but it looks as if you could buy the right VXO crystals for 15m, you might be able to make the same front end filter work for both bands merely by changing xtals and retuning the variable capacitor across the input coil.

Hope this helps, 73/72 de alan, w6rcl
kaul@netcom.com

Date: Tue, 17 Jun 1997 03:19:30 -0400 (EDT)
From: JOppen6115@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21481] QRP in VHF contest (kinda long)
Message-ID: <970617031928_1788009336@emout15.mail.aol.com>

Hi gang,
Well, I missed most of the "to the field" contests, but this weekend, I made up for it.

This weekend I entered the VHF QSO Party using a recently purchased Icom IC-202. It was a portable rig made in the '70s that was supposed to be carried by a sholder strap like several of the rrigs of the day. It only put out 3 watts on 2 meters into a 4 element yagi. I set up with battery power on nearby Signal Hill (DM03), in the shadow of a lot of commercial radio sights. I found a little retaining wall next to a defunct oil well. The wall even had a pipe I could use to support my 4 foot PVC mast. I didn't

have any table or anything, just sat there on the hillside. I was only a few hundred feet up, but had a good view to most of the LA basin and to the north and east.

I didn't really expect to make many QSOs, but enjoyed setting up on the side of the hill. I had so much fun and was working enough stations that my "couple hour" excursion lasted for 9 hours. If I'd brought more warm clothes, I'd probably have stayed even longer! By the time the smoke cleared, I'd worked 72 QSOs, some as far away as Bakersfield and Nevada! I only heard a few very weak stations that I couldn't work.

Most of the QSOs were SSB, but on one of the farthest he couldn't make out my call, so I started signing it in CW and he came right back, solid copy! We finished it up both using CW. It wasn't easy to pound the straight key sitting on the ground, with the key in my lap on a rig with no sidetone! Nevertheless, it was definitely one of the highlights of the contest!

Sorry, but there wasn't much wind, no badgers, no sudden snowstorms, thunderstorms or even an earthquake (like happened a few field days ago). Even Murphy stayed pretty far away (well except for a fuse and the keyer/sidetone thing).

While this may not seem like much to the experienced VHFers and contesters in the group, I was amazed at how well the QRP signals worked even on 2M! I haven't had this much fun playing radio for a long time! Now if I can only get rid of half of the station weight, add a couple killer antennas, and backpack it to some remote mountaintop in a rare grid......

Well, I just wanted to share my story and remind y'all how much fun it can be going "QRP to the field" even in the VHF contests.

72,
John, KJ6HZ

Date: Tue, 17 Jun 1997 06:41:29 -0400 (EDT)
From: Martin Squicciarini <skitch@resuba.com>
To: Bob Hirsch <bobh@p3.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21482] Re: loop skywires
Message-ID: <Pine.LNX.3.91.970617062942.8319A-100000@resuba.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>From reading the some ant books that call the loop a cloud warmer I think Bob is correct when he says it's only good for local contacts. I've been

planning on putting one up and after following this tread I will try the following:
My loop will be about 210 ft and trianglar in shape. It will be vertical. I have trees at the end of my yard about 90 ft from my tower. The feedpoint will be at the tower which will be a corner. I will feed it will twin lead to a 4:1 balun and then to coax to the tuner. Since the loop will be vertical I hope it will play well for DX. I like the ideal of using a spring at the corners and will try that. I would have like to have it cut for 80 meters but just not long enough. This will be a compromise but I have not had time to learn enough about WIN4NEC to model it correctly. With any luck you will hear this ant on July 17 when it's my turn for 50/40/30.

72/73
Marty Squicciarini NR3Z
skitch@resuba.com (home)

On Mon, 16 Jun 1997, Bob Hirsch wrote:

> To all of you who are using "loop skywire" type antennas, (large,
> horizontal loop users) --
>
> Are you satisfied with the DX performance or is it only being used for
> local contacts?
>
> I've had one for a couple of years fed with ladder line and find it to be a
> good antenna for local contacts, but not very good for DX.
>
> Others?
>
>   =================
>   73 de Bob, W3CW
>   New Hope Pennsylvania
>   =================
>   fists #2491
>   qrp-arci #8700
>   qrp-l #450
>   =================
>

Date: Tue, 17 Jun 1997 07:05:29 edt
From: k4wz@juno.com (ron l todd)
To: qrp-l@Lehigh.EDU
Subject: [21483] FIELD DAY
Message-ID: <19970617.070621.4527.13.k4wz@juno.com>

Is thire any Bonus points for QRP on Field Day ?

Date: Tue, 17 Jun 1997 08:55:31 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Cc: al330@detroit.freenet.org
Subject: [21484] help 38s probs
Message-ID: <970617085528_-594738410@emout12.mail.aol.com>

This is my first problem with the 38s...first after great contacts in MI (using R7 ant) I'm in FLA and using a dipole using Whiterooks center qrp contacter with 18 guage wire fed with a 20 ft coax line from Radio Shack...I can hear but no contacts so far...PUZZLED!
Also my rig is beginning to shut down to half power periodically on transmit... this happens during keydown...any suggestions to either problem...
more info...dipole laying on the wood balcony on the second floor of a condo (if your curious at Grenelefe, FL)
thanks for assistance, david, kb8occ

Date: Tue, 17 Jun 1997 08:58:47 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21485] results of key question
Message-ID: <970617085843_135112088@emout20.mail.aol.com>

I asked for responses and suggestions as to what key to move up to from the straigh key (iambic, paddle, bug, etc)
Thought you would like to know results:
1 Paddle
2 Iambic
2 Bug
3 Paddle for mobile work
1 Straight key
Thanks for all the suggestions, comments, and help with increasing code speed from 18. Wish I could send comments...they were great and interesting!...but I didn't ask permission beforehand so I won't...
David, kb8occ

Date: Tue, 17 Jun 1997 12:59:49 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [21486] (LONG) 50-40-30 FINAL LOG: CT, 6/10/97, AA1MY
Message-ID: <19970617125948.AAA892@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I must be getting better at this, very few typo's, etc. Thanks for a
great time! 72 =s=

.....

>   50-40-30, 6/11/97(UTC). AA1MY (CT).
>
>CALL/NAME   QTH   DATE/FREQ TIME ON/OFF SENT/RCVD QSL/MODE PWR
>===
>N0UR   BROOKLYN PK   11-06-97   00:01:00   579
>JIM   MN   10.1   00:01:00   579   CW   4
>QRP2X   U.S.A.   5W
>---
>VE7CQK   VANCOUVER   11-06-97   00:05:00   559
>PAUL   10.1   00:05:00   559   CW   4
>QRP2X   CANADA   5W
>---
>K0EVZ   ROCHESTER   11-06-97   00:08:00   589
>DOC   MN   10.1   00:08:00   599   CW   4
>QRP2X   U.S.A.   5W
>---
>KF4AR   CHARLOTTE   11-06-97   00:09:00   589
>RICK   NC   10.1   00:09:00   589   CW   4
>QRP2X   U.S.A.   2W
>---
>K5ID   HOT SPRINGS NAT 11-06-97   00:14:00   579
>KEN   AR   10.1   00:14:00   569   CW   4
>QRP2X   U.S.A.   5W
>---
>KC4MHM   CRAWFORDVILLE   11-06-97   00:17:00   559
>ED   FL   10.1   00:17:00   559   CW   4
>QRP2X   USA   5W
>---
>K4NK   GREENVILLE   11-06-97   00:21:00   559
>LES   SC   10.1   00:21:00   559   CW   4
>QRP2X   U.S.A.   4W
>---
>N5KI(?)   11-06-97   00:25:00   549

```
>BOB         AR              10.1       00:25:00     579         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>N2KKW       ROCK HILL       11-06-97   00:31:00     559
>BILL        SC              10.1       00:31:00     579         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KG8CO       ADRIAN          11-06-97   00:40:10     559
>BRIAN       MI              10.1       00:40:12     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>WA4MXF      OAK RIDGE       11-06-97   00:43:47     569
>JAMES       TN              10.1       00:53:20     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>W6WOW       LIVERMORE       11-06-97   00:53:33     339
>PAUL        CA              10.1       00:57:04     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>N8NRG       MARQUETTE       11-06-97   00:57:50     579
>BILL        MI              10.1       01:00:11     579         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KS4HQ       DURHAM          11-06-97   01:00:51     579
>BOB         NC              10.1       01:03:34     579         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>K4GT        ATLANTA         11-06-97   01:03:41     559
>JIM         GA              10.1       01:06:26     559         CW       4
>QRP2X       U.S.A.                     3W
>-------------------------------------------------------------------------
>N5JKY       EDMOND          11-06-97   01:07:38     549
>BILL        OK              10.1       01:09:19     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KB2JWD      WAXHAW          11-06-97   01:10:31     559
>JIM         NC              10.1       01:12:52     559         CW       4
>QRP2X       U.S.A.                     2.5W
>-------------------------------------------------------------------------
>XE1/K8ZAA                   11-06-97   01:24:19     559
>RANDY                       10.1       01:24:42     559         CW       4
>QRP2X       MEXICO                     5W
>-------------------------------------------------------------------------
>KROI                        11-06-97   01:26:05     579
>MAC         MO              10.1       01:29:35     589         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KB9RLJ(?)                   11-06-97   01:36:57     229
```

```
>            AZ              10.1       01:38:31     559         CW       4
>QRP2X       U.S.A.                     4W
>-------------------------------------------------------------------------
>VE5RC       REGINA          11-06-97   01:38:45     559
>BRUCE                       10.1       01:40:26     559         CW       4
>QRP2X       CANADA                     5W
>-------------------------------------------------------------------------
>WA0UIG      MARION          11-06-97   01:42:26     449
>RUSS        IA              10.1       01:42:59     539         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>N4ROA       VA              11-06-97   01:48:28     569
>DAN         VA              10.1       01:50:13     549         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KB0SZF      CASTLE ROCK     11-06-97   01:52:16     339
>STEVE       CO              10.1       01:56:41     569         CW       4
>QRP2X       U.S.A.                     2W?
>-------------------------------------------------------------------------
>N3QOO       COLORADO SPRING 11-06-97   02:02:16     559
>JOHN        CO              7.04       02:04:05     579         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>K5ID        HOT SPRINGS NAT 11-06-97   02:05:01     569
>KEN         AR              7.04       02:06:17     569         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>K8CV        ROYAL OAK       11-06-97   02:07:01     559
>WALT        MI              7.04       02:07:51     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KC4MHM      CRAWFORDVILLE   11-06-97   02:09:05     559
>ED          FL              7.04       02:09:46     579         CW       4
>QRP2X       U.S.A.                     4W
>-------------------------------------------------------------------------
>W9KI        HOT SPRINGS VIL 11-06-97   02:10:26     559
>HOWARD      AR              7.04       02:11:43     569         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KR0I        INDEPENDENCE    11-06-97   02:13:08     559
>ED          MO              7.04       02:13:56     569         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>WD3P        UPPER MARLBORO  11-06-97   02:14:37     549
>LARRY       MD              7.04       02:17:09     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>K0EVZ       ROCHESTER       11-06-97   02:20:46     559
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>DOC         MN              7.04       02:22:03     559         CW       4
>QRP2X       U.S.A.                     2W
>-------------------------------------------------------------------------
>KI0II                       11-06-97   02:23:07     449
>RON         CO              7.04       02:24:50     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KE4IZH      CHESAPEAKE      11-06-97   02:32:38     449
>RICK        VA              7.04       02:36:08     599         CW       4
>QRP2X       U.S.A.                     2W
>-------------------------------------------------------------------------
>KS4HQ       DURHAM          11-06-97   02:36:12     559
>BOB         NC              7.04       02:38:52     569         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>KI0II                       11-06-97   02:40:09     559
>RON         CO              7.04       02:41:09     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>N4ROA       VA              11-06-97   02:46:40     559
>DAN         VA              7.04       02:48:01     599         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>WB4EXW      STANLEY         11-06-97   02:51:17     569
>WATSON      NC              7.04       02:52:53     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>W8XP        DAYTON          11-06-97   02:55:34     559
>GREG        OH              7.04       03:00:27     469         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>W1ME        SCARBOROUGH     11-06-97   03:05:54     559
>GEORGE      ME              7.04       03:07:07     559         CW       4
>QRP2X       U.S.A.                     2W
>-------------------------------------------------------------------------
>N9JXY/QRP   AUBURN          11-06-97   03:08:16     559
>DENNIS      IN              7.04       03:13:59     579         CW       4
>QRP2X       U.S.A.                     300MW
>-------------------------------------------------------------------------
>W6WOW       LIVERMORE       11-06-97   03:17:24     229
>PAUL        CA              7.04       03:18:00     559         CW       4
>QRP2X       U.S.A.                     4W
>-------------------------------------------------------------------------
>N4SO        MIDLAND         11-06-97   03:20:00     449
>KEN         AL              7.04       03:22:57     449         CW       4
>QRP1X       U.S.A.                     100W
>-------------------------------------------------------------------------
>K8JV        BLOOMFIELD HILL 11-06-97   03:23:14     589
```

```
>JIM         MI              7.04       03:26:28     589         cw       4
>QRP2X       U.S.A.                     5W;
>-------------------------------------------------------------------------
>AB7TK       MOSCOW          11-06-97   03:46:10     559
>RANDY       ID              7.04       03:49:20     559         CW       4
>QRP2X       U.S.A.                     5W
>-------------------------------------------------------------------------
>XE1/K8ZAA   OKEMOS          11-06-97   03:50:45     339
>RANDY       MI              7.04       03:52:28     229         CW       4
>QRP2X       MEXICO                     5W
>-------------------------------------------------------------------------
>VE7CQK      VANCOUVER       11-06-97   04:01:24     229
>PAUL                        7.04       04:05:09     339         CW       4
>QRP2X       CANADA                     5W
>-------------------------------------------------------------------------
>
>
>
"Seab" Lyon  -  AA1MY
Bethel, CT;  FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA



------------------------------

Date: Tue, 17 Jun 1997 08:01:16 -0500
From: "ukii" <ukii@megsinet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [21487] SST on 10mtrs ???
Message-ID: <m0wdxuP-003ttXC@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Gang.
I have been searching for a 10 meter qrp/cw rig for a while now with no
luck.
Is there a reason there is no 10mtr kit out there?
I know that with the cycle having been low,10 meter contacts would have
been scarce,but with the new cycle rising,maybe this would be the time
for someone to come out with a kit for 10.
Any of you techno, industrial, entrepreneurial flatulators willing to
try and get the SST or any other cheaper kit on 10 meters, PLEASE
let me (us?) know !
Yes, "why would a guy with ZERO contacts on his kits wanna build yet
another?"
```

Cuz I got a 5 pound roll-o-solder and love the smell of flux in the
morning!
Thanks to Everyone!
Best 73 de john
n9ukx

     If it doesnt have a sidetone,
          it must be a CB.

Date: Tue, 17 Jun 1997 13:50:49 +0100
From: Dick Pascoe G0BPS <Dick@kanga.demon.co.uk>
To: k8cv@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21488] Re: Index contact number please
Message-ID: <eJ8eEBApgopzEw+x@kanga.demon.co.uk>
MIME-Version: 1.0

In message <19970615.174447.9886.4.k8cv@juno.com>, Walt D Amos
<k8cv@juno.com> writes
>Hi all:
>
>I need to contact Index labs as they have had my QRP ++ now about two
>months and on the regular number all I get is an answering machine. Does
>anyone know of another route to Bruce Franklin at Index?

Does Bruce Franklin still produce the QRP Plus ?

I heard he had sold out. Am I right?

TTFN de ..
--
Dick Pascoe G0BPS (G0ROO / M1ABJ)
SSB Columnist G-QRP Clubs 'SPRAT'
HRT Mag, QRP Columnist (since 1990)
PW Antenna workshop Columnist
CB Mag's 'Scoobie Doo'
ARCI DX membership person

Kanga Products
Seaview House
Crete Road East
Folkestone CT18 7EG   U.K.
Tel / Fax 01303 891106
http://www.kanga.demon.co.uk

Date: Tue, 17 Jun 1997 09:27:04 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: ukii@megsinet.net, qrp-l@Lehigh.EDU
Subject: [21489] Re: SST on 10mtrs ???

Message-ID: <19970617.092545.8079.2.wb2vuo@juno.com>

Hi John. Keith here in the Depths of the Great Bergen Swamp...FN13ac

Back in the late 70's, when CB went from 23 to 40 channels, the club I
was active with (Tri-City Amateur Radio Club) converted a BUNCH of
23-channel CB sets to CW transceivers for the new Novices in the club.

Each model varied, but it involved changing out 2 - 4 crystals inthe
synthesizer, and adding a BFO. Also, the PA was wired directly to the
+12V source without going thru the modulator...

Keying was done by lifting the collector on the Driver/PA, and keying it
with a PNP pass transistor, driven with a pair of 2N2222A switches, one
for the PTT and one for the pass transistor. This gave us a semi-QSK
setup. Transmit was on the 10 KHz steps, but several radios were
"rubbered" to fill in the holes. The BFO was adjustable over a +/- 2 KHz
range for "Offset Tuning". The BFO came out of a Doug DeMaw article on a
basic superhet RX.

I don't know if I have the actual docs, but I did most of the mods in a
fly-by-night manner anywho...

As for a kit-built stand-alone rig, doesn't Small Wonders have a GM-10
out now?

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Tue, 17 Jun 1997 06:56:38 -0700
From: Bill Todd <bill@techline.com>
To: k4wz@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [21490] Re: FIELD DAY
Message-ID: <1.5.4.32.19970617135638.006b5c4c@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:05 AM 6/17/97 edt, you wrote:

>Is thire any Bonus points for QRP on Field Day ?

Hi Ron (nice LAST name by the way...).

You bet there is a bonus! I believe you multiply your score by 5 for QRP operation. Or, perhaps it is only the total number of contacts you have made (are multiplied). I am sure you'll get more verification from others.

One caution: If you are using QRP SSB....be sure you are really using only 10 watts SSB (pep). Most JA rigs might say they are really putting out 10 watts, but on voice peaks, it is usually much higher than 10 watts.

Good luck!

BCNU,
CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: Tue, 17 Jun 1997 07:03:50
From: Dan Hogan <dhhogan@lightside.com>
To: qrp-l@Lehigh.EDU
Subject: [21491] Re: SST on 10mtrs ???
Message-ID: <3.0.1.16.19970617070350.36e70792@mail.lightside.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John:

Try the GM-10 by Dave Benson at Small Wonder Labs(http://www.fix.net/~jparker/sml/smlord.htm). I just finished stuffing the board and am waiting for my Pots. Haven't made up my mind on a case yet. Good instructions high quality parts, lots of help if needed.

At 08:01 6/17/97 -0500, ukii wrote:
>Hello Gang.
>I have been searching for a 10 meter qrp/cw rig for a while now with no >luck.
[Snip Stuff]

72/73
Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949

Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

Date: Tue, 17 Jun 1997 07:12:23 -0800
From: svecbrdk@well.com (L.Svec,W.Burdick)
To: qrp-l@Lehigh.EDU
Subject: [21492] SST Field-Test notes From the Wilderness Engineering Lab
Message-ID: <199706171410.HAA17799@smtp.well.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Early results suggest that the VXO range on the 20m SST is lower on production units than on my original prototype. I'm still looking into this. Meanwhile, you can reduce the size of the VXO choke and move the range up, although this will decrease total range. There may be other ways to move the range, such as reducing the values of the feedback caps in the VXO. If anyone beats me to it, please post your results.

Yup, there are some holes in the cabinet that aren't perfectly lined up, although none are show-stoppers. I admit it, I did that drawing at 3AM. :) Next rev. will be much closer. This is why we do field tests.

RFC5's value is a misprint in the P/L. Please wind using the indicated number of turns.

All of the other toroids should also be wound as I indicated in the P/L; I'll measure the actual values and modify the P/L accordingly. I may also change the windings by one turn in some cases, but this shouldn't affect performance significantly.

Finally, I have heard one report of hard keying (as heard in the headphones). This is perhaps unavoidable due to the simplicity of the T/R circuitry, but if it bothers anyone, try using an 8-50pF trim cap for setting the TX offset as decribed in the troubleshooting section. Normally this method is used for modifying the TX offset pitch, but moving the TX pitch also changes the monitor tone attack and decay characteristics.

Other than that, so far so good--no DOAs that I know of! Thanks for getting those SSTs up and running.

73,
Wayne
N6KR

Date: Tue, 17 Jun 1997 07:05:12 -0700
From: Bill Todd <bill@techline.com>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [21493] Packet QSO's for Fday
Message-ID: <1.5.4.32.19970617140512.006afecc@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Group(s) -

In thinking about Field Day, I was wondering about the specific rules on making packet contacts through nodes (rather than PURE simplex) packet contacts. So, I wrote a note to Billy Lunt at the ARRL to ask some clarification questions.

I also asked him about making QSO's through a node to a ham conference, that may in some way ALSO be connected (hard wired) to the Internet.
Specifically, there are a few ham conferences that you can link to (via radio), that will enable you to join an international conference where there might be 30 to 50 other packet stations "on line".
This whole node/Internet link would really increase ones' ablility to make many MORE QSO's.

Billy Lunt responded:

>Return-Path: blunt@arrl.org
>Date: Tue, 3 Jun 1997 11:24:00 -0400
>From: "Lunt, Billy, KR1R" <blunt@arrl.org>
>Subject: RE: Field Day Information
>To: bill <bill@techline.com>
>
>The rules state: "The repeater provision of Rule 7ZZC is waved for packet
>radio."
>
>73,
>
>Billy Lunt, KR1R
>Contest Manager, ARRL
>860-594-0252
>kr1r@arrl.org
>blunt@arrl.org
> ----------

So, the result of all this means that you CAN make QSO's in such a manner.
How about THEM apples?

BCNU,
CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: Tue, 17 Jun 1997 10:29:55 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [21494] Internal power for the SST
Message-ID: <Pine.LNX.3.93.970617102255.713B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Radio Shack has 4V 500mA lead acid batteries for Sony phones. They're
about 1.5"x2".0.5", and yes three of them will *just* fit in the SST. I'm
not sure I'll be able to get the KC-1 in there too, but I'll try :)
WARNING: These little gems are $17 each, so if your not serious about
"all-in-one" radios the money is better spent on a "big" (7ah) Yasua or
something.

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 15/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=02 30M=02 17M=00 12M=00 STATES=02/00/00 DX=00/00/00 QSL's=00 --

---

Date: Tue, 17 Jun 97 07:29:16 +0000
From: tgordish@concentric.net
To: <bmug@gwl.com>, "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [21495] RE: [CW] CW QSOs
Message-ID: <199706171428.KAA29322@newman.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Chatting on CW is very easy, but often times I am digging out the signal

in order to make the contact and the signal quality is a real strain, and not conducive to chatting. When that elusive state for my WAS shows up on 30 meters I am intent on catching him before he fades. Most of the solid copy states have already been nabbed. But when the signal is loud and clear, and the code speed readable or slower, bring on the rag chew!

72

Tim & Aretta Gordish
KB9LGJ & N0YDG
Yuma, AZ

QRP-L #457, ScQRPion #25, IDEA, ARRL
Rig: 38-S
WAS on 30: 16 confirmed

All the nations may walk in the name of their gods, we walk in the name of the Lord our God for ever and ever" Micah 4:5

Date: Tue, 17 Jun 1997 09:11:58 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, tentec@contesting.com, eax@w3eax.umd.edu
Subject: [21496] FS: Ten-Tec OMNI V Station, mostly mint
Message-ID: <Pine.3.89.9706170838.B24243-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After doing much sould searching, and realizing that my antenna situation at home REALLY blows chunks all over the place, AND that in the last month I've made

a few hundred mobile HF QSOs
maybe three QSOs from home

as a result, I've decided to focus more on my mobile operating and build up my test bench a little bit. Maybe a signal generator, maybe a nice soldering station, maybe a service monitor...

FOR SALE:

(1) mint condition Ten-Tec 562 OMNI V HF xcvr. With optional FM board. Nary a scratch (it's my baby and has been babied). Installed updated

firmware last year. Installed voltage regulator board for frequency stability. Covers 160-10 meters including WARC. ALC board currently set for variable power output from 1.0 - 88 watts. Notch filter, passband tuning, noise blanker, built-in fwd/ref/swr/Ic meter, speech processor, 25 memories, 2 VFOs, AF tone control, BIG & EASY TO READ display.

This receiver was compared with a friend's OMNI VI last year and the receiver performance was virtually identical. Electronic full-break-in CW. Unit adjusted for roughly 650 Hz CW offset. Comes with manual with LOTS of notes in it and original box. Comes with stock 2.4 kHz filter. I've got other filters but am hesitant to sell them because I don't know if I'll need them in the future. The 7-10 MHz bandpass filter sometimes doesn't switch in on power-up. A quick flip of the T-R relay gets it back, and keeps it there. The clock has NEVER kept accurate time. Oh well. It's a radio, not a clock.

It is "the best receiver I have ever used."
99.9% of xmit time has been at < 25 watts output.

(2) mint condition model 961 22 amp power supply with speaker. Perfect match to the OMNI V. Has two accessory 12VDC jacks as well, power switch on front panel. Comes with original box and manual (if I can find it).

(3) near-mint condition model 238 2 kW roller inductor L-type antenna tuner. Switches three coaxes, plus a random wire OR balanced line through a rather large balun. Fwd/Ref/SWR displayed. Lighted meter and dial indicator with 12 VDC. Have photocopy of manual.

Prices:

Ten-Tec gets $1225 for the OMNI V as a used radio without the FM board.

New, the power supply goes for something like $275, and the tuner goes for $380.

I'm looking for

OMNI V with optional FM board, etc. $1125 (less than 1/2 of a new O-VI)
Model 961 power supply $ 200
Model 238 antenna tuner $ 275

Total $1600

Offers considered, and will consider breaking up the station ONLY IF the rig sells first.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***

** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Tue, 17 Jun 1997 09:40:43 CDT
From: "Rick Hadley" <r.hadley@www.mebbs.com>
To: qrp-l@Lehigh.EDU
Subject: [21497] Re: St Louis Vertical/ dipole - TVI problem
Message-ID: <1.5.4.16.19970617091048.2747761e@www.mebbs.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:13 PM 6/16/97 PDT, Cecil wrote:

>I, personally, would not have an indoor antenna of any
>kind (except a rubber ducky on an HT). I would never
>put any HF transmitting antenna within 100 ft. of any
>TV antenna. Trying to fool Mother Nature is just asking
>for trouble.

Amen & Amen! It's almost always possible to sneak up some form of outside antenna. In college it was a wire dropped out of the third floor dorm window. In the Navy it was a random length 26ga wire run out to the trees behind our apartment in DC. ...'Net controlled EastCars with an old Johnson Pacemaker using that antenna I did. Only problem was once in a while a bird would break it & I'd have to back out again in the middle of the night & put it back up. As Cecil says, anything outside is better than the best indoor setup.

While we're on the subject of inconspicuous antennas, has anyone tried the AEA IsoLoop or the MFJ equivalent? The published reviews have been favorable, but I've not seen them discussed here on QRP-L which has suprised me. They look like they'd be the ideal restricted space system, albeit a tad pricey.

Richard W. (Rick) Hadley
W0FG - Life Member ARRL
QRP-L #1019
r.hadley@www.mebbs.com
The Solutions Store, Ltd.

Date: Tue, 17 Jun 1997 16:03:31 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: bill@techline.com
Cc: qrp-l@Lehigh.EDU
Subject: [21498] Re: FIELD DAY
Message-ID: <199706171503.QAA20544@chuck.dallas.sgi.com>

Bill et.al.,

Bill is right. The QRP multiplier is x5. Again everyone listen up and listen carefully. The ARRL defines QRP for SSB as 5W PEP, NOT 10W PEP as defined by the QRP ARCI. Also you HAVE to be battery powered and no generators. Let me quote the rules:

"Scoring: Scores are based on the number of valid contact points times the multiplier corresponding to the highest power used at any time during the Field Day period, plus bonus points. Phone contacts count one point each, and CW contacts count two points each. Power Multipliers: If all contacts are made using an output power of 5W or less and if a power source other than commercial mains or motor-driven generator is used (eg, batteries, solar cells, water-driven generators), multiply by 5. If ANY or all contacts are made using an output power of 150W or less, multiply by 2. ....."

The rules seem to allow the use of the generators for lighting. It is assumed that the batteries are pre-charged before FD and not being charged by generators during the contest. Does anyone read anything different into the rules? I personally like the whole area powered by only batteries. Makes it so quiet. You can take naps in the lawn chairs and carry on conversations and eat without yelling. :-)

Some personal notes:

1. FD is a contest. Go to http://www.arrl.org/ and click on contests. You will find FD 1997 under contests. All the rules are there. Print them off if you are going to participate. The forms are downloadable also with dup sheets. Also, while you are at it, look at the hyperlink and look at the conditions for disqualification.

   I bring this up as in entering data from the SS results for the last 5 years I saw some disqualifications and was wondering just how you do that. It has to do with 2% errors in copied calls. So work on the code speed and random code groups if you are going to do CW FD. Same for SSB and using standard phonetics. You'll see people go crazy when they get spaced out and tired towards the end of the contest.

2. Thanks to Bill for coming to the defense of Bruce. I think that cool heads and a lot of data collection is needed before the flame wars start on this group. Take it offline please.

3. Don't start a flame war over phone being 1 point and cw being 2 points. This for any contest. Play by the rules. It takes more time and effort to become proficient at CW contests than SSB, but neither is a piece of cake. If it was easy, heck we'd all be tied for first place. :-) Besides, we all know that CW is dieing anyway.....

4. I'd like to see bonus points added for wind, rain, sleet, and snow. Minor points for critters that bite and go buzzzz in the middle of the night. I worked two stations before I realized it was a mosquito inside the earphones one night. I still laugh at the story someone posted about falling asleep while sending CQ and woke up and found they were answering their own CQ. :-) Remember that physical conditioning is just as important for contesting as it is for sports like basketball and tennis. Let's not anyone get hurt this month.

5. FD is for fun. FD is for fun. ... Keep repeating until after FD.

See you guys and girls the last weekend of the month. It's not whether you win or lose, it's how you play the game that counts.

Those of you new to the group since QRP To The Field last year, wind is a big topic on this group when it comes to working rigs outside. Kinda like trailer parks being magnets for circular wind patterns.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

Date: Tue, 17 Jun 1997 08:17:59 -0700
From: Ed Loranger <we6w@qsl.net>
To: Cecil_A_Moore@ccm.ch.intel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21499] Re: St Louis Vertical/ dipole - TVI problem
Message-ID: <33A6AAA7.4A7E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cecil A Moore wrote:
>
<Snip per reflector FAQ...>
> All you have to do is put out a perfectly filtered signal
> on 40m that is 120dB higher than the received TV signal
> and you will have an equal signal through the front end.
>
> This, my friends, is front end overload and the cure is
> to get your ham antenna up and away from the TV antenna.
> Short of high-pass filters, there is nothing that can be
> done. This is NOT a HARMONIC problem. This is a front-end
> problem. You just cannot have a relatively high-powered
> transmitting antenna on any random frequency close to
> a receiving antenna. In addition, mixing and rectification
> can compound the problem.
<snip....>
>
> 73, Cecil, W6RCA, OOTC

Absolutely! And the near field of your antenna will
penetrate enclosures etc. Also, if the antenna has
a pre-amp --> A severe 'Clicking' will be evident
on the TV screen. Plain old overload. Cecil may have
the exact figure, but I believe you need about 1 wavelength
separation of Rig cabling/Antenna from the TV System, which
includes the antenna and downleads. This, I believe will
greatly reduced conducted/radiated signal overload of
the VHF/UHV TV system amplifiers.

-Ed Loranger
--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 17 Jun 1997 11:29:03 -0400
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [21500] Re: FIELD DAY
Message-ID: <1.5.4.32.19970617152903.002ca9f4@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I concurr.

'93 CW SS, Took it camping with another op (KB7AVT) and total battery HW-9.
Didn't get us any extra points,,, but was good practice for future QRP FD.
Lessons Learned:

1. If possible use 2 "shelters". One for people, one for operators.
2. Don't bring the dog.
3. IF you bring the dog,,, bring at least as many kids.
4. Don't fall asleep on the key at some dark hour of the morning,,,
   It runs you battery down and annoys the dog.
5. If you do fall asleep on the key and run the battery down,
   Have an EXTRA fully charged battery for the beginning of the new day!
6. Don't assume a 10% duty cycle on TX,,, it's more like 30%.
7. If it's november, and you are in CT,,, IT WILL BE COLD!

73
/rick

At 04:03 PM 6/17/97 +0100, Chuck Adams K5FO CP-60 adams@sgi.com wrote:
>4. I'd like to see bonus points added for wind, rain, sleet, and snow.
>   Minor points for critters that bite and go buzzzz in the middle of the
>   night. I worked two stations before I realized it was a mosquito inside
>   the earphones one night. I still laugh at the story someone posted
>   about falling asleep while sending CQ and woke up and found they were
>   answering their own CQ. :-) Remember that physical conditioning is
>   just as important for contesting as it is for sports like basketball
>   and tennis. Let's not anyone get hurt this month.
>
>Chuck Adams K5FO CP-60 adams@sgi.com
>http://reality.sgi.com/adams/
>WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014
>
>
>

****
*Richard Powell   WB6JBM - QRP   *
*ripowell@mpna.com   Cincinnati, OH   *
*http://www.mpna.com   513-942-2542   *
****

Date: Tue, 17 Jun 1997 11:42:49 -0400 (EDT)
From: SNickrand@aol.com

To: qrp-l@Lehigh.EDU
Subject: [21501] Epiphyte Info?
Message-ID: <970617113731_615118883@emout04.mail.aol.com>

Since subscribing to QRPp for the past year or so, I've seen references to the Epiphyte 75m SSB radio. Does anyone know a web site where more info (shematic, mods, reviews) may be found?   Thanks in advance.

Bill Nickrand, KB9KOL

Date: Tue, 17 Jun 1997 11:50:08 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21502] SSB QRP for FD
Message-ID: <199706171548.LAA75350@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Does the ARRL for FD consider QRP 5 watts PEP; not 10?

I was informed from the ARRL that for their contests 5 watts PEP is QRP, not 10. I know FD is not a "contest", but maybe they consider it the same.

72 Kevin N2TO

Date: Tue, 17 Jun 1997 10:23:13 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Cc: cw@qsl.net
Subject: [21503] Portable Paddle
Message-ID: <XFMail.970617102929.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

I received in the mail yesterday a portable paddle I had ordered. It is called a TE NE KE (Teeny Key, get it?). It is a pretty piece of work, with a chrome base and brass "topsides." There are no visible contacts. The "paddle" section swing out 90 deg, to make a very sturdy arrangement. I thought at first "this

thing will never work" It does! very light touch, excellent "feel" I am amazed.

I was told I got the last "brass" version. The maker is Boyd Mason NE8KE phone (616)8377182. (Yes, he has said it's ok to put this out).

Not involved in any way other than a happy buyer/user. A VERY nice, small and seemingly rugged portable (iambic) paddle.

Sent at 10:29:29 on 17-Jun-97

```
 _  _  _ _      _  ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | |  _ | |/ __|  n4js@n4js.ampr.org  NJ Grid:FM29LN
| .` ||_  _|| || |\__ \       http://www.qsl.net/n4js  NJ-QRP #57 QRP-L #884
|_|\_|  |_|  \__/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544  NorCal #1989 QCWA  FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00
```

Date: Tue, 17 Jun 1997 12:07:33 -0400 (EDT)
From: PDouglas12@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21504] Yaesu 757 Spectrum Analyzer
Message-ID: <970617120730_1857862460@emout15.mail.aol.com>

Hi guys,

I know others out there have the venerable Yaesu 757 GX and GXII as their "big rig." I thought you might like to hear that there is a fella' out there who is working on a program to run under Win 3.1 and 95 to take advantage of the CAT connector on the back to give the Yaesu spectrum scope (like the old panadapters) capability. Plus it will list the occupied freqs in a database with the ability to add the calls of the stations on those freqs, and the ability to click on the list to jump to that freq! The bad news is that I haven't seen it run yet. Once the bugs are out (the author tells me by Friday, hopefully) I will ba able to report further. The program itself is shareware; registration is 20 bucks, and the interface seems simple enough. The author also sells built-up interfaces for $65 plus shipping. I will post further info as soon as I have really seen the thingy work on at least one of my computers! So, sit tight for a couple of days if you are a 757 owner. I promise to post the data as it becomes available.

72,

Preston WJ2V

Date: Tue, 17 Jun 1997 09:11:07 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: we6w@qsl.net
Subject: [21505] 50/40/30 Calif. THURSDAY, 6/19
Message-ID: <33A6B71B.5A6A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I will be on Thursday night 19 June (local date) from my
QTH in Santa Rosa, CA.

1700-2100 PDT (0000-0200 UTC FRI, 20 Jun) at 7.042 MHz +/-

That's right -- Four hours on 40 Meters. Straight key so
I hope my hand holds up!

YOU WILL HEAR: CQ WAS QRP de WE6W
WE Exchange CALLSIGN, RST, SPC, NAME and POWER.

MY SETUP: ohr-100 at 4 to 5 watts, 33 ft vertical antenna.

Hope you all keep me busy!

-Ed Loranger we6w
--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 17 Jun 1997 09:13:58 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, we6w@qsl.net
Subject: [21506] Re: 50/40/30 Calif. THURSDAY, 6/19
Message-ID: <33A6B7C6.6B5@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:
>
> Hi Gang,
>
> I will be on Thursday night 19 June (local date) from my
> QTH in Santa Rosa, CA.
>
> 1700-2100 PDT (0000-0200 UTC FRI, 20 Jun) at 7.042 MHz +/-

Should be 1700-2100 PDT (0000-0400 UTC......

Sri for typo.. -Ed L.
> --
> 72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
> HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
> QRP-L#1068/Norcal#2227/ARCI#????
> mailto:we6w@qsl.net http://www.qsl.net/we6w

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 17 Jun 1997 09:25:38 -0700
From: emaaro@pacbell.net
To: skitch@resuba.com
Cc: qrp-l@Lehigh.EDU
Subject: [21507] Re: loop skywires
Message-ID: <33A6BA82.26B2@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Martin Squicciarini wrote:
>
> >From reading the some ant books that call the loop a cloud warmer I think
> Bob is correct when he says it's only good for local contacts. I've been
> planning on putting one up and after following this tread I will try the
> following:
> My loop will be about 210 ft and trianglar in shape. It will be
> vertical. I have trees at the end of my yard about 90 ft from my tower.
> The feedpoint will be at the tower which will be a corner. I will feed
> it will twin lead to a 4:1 balun and then to coax to the tuner. Since

> the loop will be vertical I hope it will play well for DX. I like the
> ideal of using a spring at the corners and will try that. I would have
> like to have it cut for 80 meters but just not long enough. This will be
> a compromise but I have not had time to learn enough about WIN4NEC to
> model it correctly. With any luck you will hear this ant on July 17 when
> it's my turn for 50/40/30.
>
>   72/73
>   Marty Squicciarini NR3Z
>   skitch@resuba.com (home)
>
> On Mon, 16 Jun 1997, Bob Hirsch wrote:
>
> > To all of you who are using "loop skywire" type antennas, (large,
> > horizontal loop users) --
> >
> > Are you satisfied with the DX performance or is it only being used for
> > local contacts?
> >
> > I've had one for a couple of years fed with ladder line and find it to be a
> > good antenna for local contacts, but not very good for DX.
> >
> > Others?
> >
> >   =================
> >   73 de Bob, W3CW
> >   New Hope Pennsylvania
> >   =================
> >   fists #2491
> >   qrp-arci #8700
> >   qrp-l #450
> >   =================
> >

The radiation pattern from a "loop-skywire" is dependant upon the height
you have it installed above your ground and the frequency you are using.
Without going into a lot of detail (I'll leave that to L. B. Cebik and
Cecil A. Moore). For example, if you have it installed 70 ft above the
ground and use it for 20 meters, it will be a fine dx antenna and not
very good for local contacts. If you use the same height and 40 meters,
it will have some dx and some local capabilities. If you use it at the
same 70 ft height on 80 meters and 160 meters it will behave like a
"cloudwarmer" or a "NVIS" (Near Vertical Incident Skywave) antenna with
only local coverage and very little dx.

72s, emaaro

Date: Tue, 17 Jun 1997 09:38:33 -0700
From: Ed Loranger <we6w@qsl.net>
To: Bob Hightower <ki7mn@dancris.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21508] Freq Change:50/40/30 Calif. THURSDAY, 6/19
Message-ID: <33A6BD89.5A8F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What was I thinking!!!!!!???????

NEW SCHEDULE TO INCLUDE NOVICE/TECH on 40 Meters!!!

1700-1900 PDT (LOCAL Thursday) (0000-0200Z Friday) 7.112 +/-
ON MY HW-8 rig with about 2 Watts.

1900-2100 PDT, Local Thursday (0200-0400Z Friday)   7.042 +/1
on my OHR-100 with about 4 to 5 watts.

There you go. And P.S.: I am in the habit of working
novices, just forgot since I was thinking OHR-100 rig...

-Ed Loranger

Bob Hightower wrote:
>
> Can you set a bit of time aside for the N/T folks?
>
> At 09:11 AM 6/17/97 -0700, you wrote:
> >Hi Gang,
> >
> >I will be on Thursday night 19 June (local date) from my
> >QTH in Santa Rosa, CA.
> >
> >1700-2100 PDT (0000-0200 UTC FRI, 20 Jun) at 7.042 MHz +/-
> >
> >That's right -- Four hours on 40 Meters. Straight key so
> >I hope my hand holds up!
> >
> >YOU WILL HEAR: CQ WAS QRP de WE6W
> >WE Exchange CALLSIGN, RST, SPC, NAME and POWER.
> >
> >MY SETUP: ohr-100 at 4 to 5 watts, 33 ft vertical antenna.

> >
> >
> >Hope you all keep me busy!
> >
> >-Ed Loranger we6w
> >--
> >72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

> Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
> Grid DM43bi Lat 33.334500 Long -111.87260
> NorCal #1221   ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
> http://www.dancris.com/~ki7mn
> WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=5

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 17 Jun 1997 14:04:30 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21509] Re: Portable Paddle
Message-ID: <19970617175520.AAA23240@jaxadmin2-89.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

I just received my portable iambic paddle from Galbraith Projects, an
offshoot of the New Zealand NZART association. What a great paddle for QRP
work! Everything is adjustable: independent tension, paddle travel, and
contact spacing. At one time, the paddle was available with a base, but I
just returned from the machine shop with a small 1-pound stainless steel
base and I now have it ready for my July 4th camping trip. Again,
information on this paddle is available at:

http://www.nzart.org.nz/nzart/branches/chch/branch05/paddle.html

-Paul, W9AC

Date: Tue, 17 Jun 1997 12:55:22 -0500 (CDT)
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [21510] Re: RF Noise while mobile
Message-ID: <199706171755.MAA30619@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rod, KA7YOU, Wrote:

"I have an interference problem in my '85 Nissan P/U when moving".
>>>>>>> message edited to save space <<<<<<

The "ground strap" may not help.
I think the idea behind these is to drain off static after you've stopped.....
the strap may not make road contact _while in motion_.

Back in the 'ol days, I remember taking off the front wheel bearing
grease-caps and finding a pinwheel-style spring thing. Apparently its
function was to electrically tie the moving wheel to the stationary axle,
probably to eliminate static in the radio.
You might check for these in a J.C. Whitney catalog. They have a Web
site, but it's bare right now.

Something you might try is grounding the transmission (if it's rear-wheel
drive) to the frame. I know...the transmission should be grounded
already, but this is RF we're talkin' about here.
Get some RG-8 braid and tie a rearmost transmission bolt to the frame.
No guarantees on this one. My best guess is static originating at the front
wheel bearings.

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice 512.471.1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

Date: Tue, 17 Jun 1997 11:27:20 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21511] Re: (LONG) 50-40-30 FINAL LOG: CT, 6/10/97, AA1MY
Message-ID: <Pine.LNX.3.91.970617112220.1808A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Seab, are you there?
I sent you 2 E-mail messages regarding your 0317Z contact on 40m with me,
NOT W6WOW. It sure sounded to me like a good contact! (same report, MY call,
same time, & you had to get repeats from me). What's going on?
72, Dave, W6EMD

Date: Tue, 17 Jun 1997 14:27:25 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [21512] Orvis Clip-On Magnifiers
Message-ID: <33A6D70D.7CE9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I noticed Orvis in Manchester VT had these on sale for $16 (reg 24.95)
They are the big name in fly fishing supplies--and sell by mail as well.

Someone showed these off at the last QRP NE meeting--you clip
them to your glasses to get extra magnification (couple different
ones, think they still had a 4x). Problem is, they only work if
your glasses are the right size (mine were too small :-(   ).

If you can't quite see the parts--a number of people have
commented on how much easier it is to work on modern
electronics with the appropriate optical help...

--Zack Lau W1VT

Date: Tue, 17 Jun 1997 11:36:42 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21513] Re: RF Noise while mobile
Message-ID: <33A6D929.2E80@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> "I have an interference problem in my '85 Nissan P/U when moving".

Maybe a test to eliminate the tires in the equasion:
Wet an area of grass or somewhere where you can safely
repeat the 'engine-off/downhill roll' test performed
earlier.

So far, static is the issue.
Remove the alternator belt etc. also. There could
be other mechanical forces at work here.

$.02 worth... -Ed L.

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARCI#????
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Tue, 17 Jun 1997 13:26:23 -0500
From: Rohn <rohn@pubrats.com>
To: qrp-l@Lehigh.EDU
Subject: [21514] 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <3.0.32.19970617132249.00c0e91c@205.198.125.123>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was just going through some archives regarding the 38s and came across
something that SOMEHOW had missed my eye the first time... Mike Gipe's
(K1MG) Digital (LCD) Readout / 24hr clock!

Does anyone (Mike?) have any info on the current state of this mod? Was it
abandoned (oh no! is lack of discussion an indication of this)? Is it
available somewhere?

Any info would surely be appreciated!

     72's
     Rohn Blake N0RTX
+--+
| Twin Cities Repeater Club(147.21+), ARRL, NorCal, QRP-L, Skywarn and MORE! |
+--+

Date: Tue, 17 Jun 1997 13:32:34 -0500
From: Rohn <rohn@pubrats.com>
To: qrp-l@Lehigh.EDU
Subject: [21515] WBL Designs V22
Message-ID: <3.0.32.19970617133058.0076b6e8@205.198.125.123>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Found my very own V22 (from WBL Designs) at my doorstep a bit over a week
ago... sorry for the delay in reporting.

I'm very PLEASED with this piece of artwork (the quality of construction is
astonishing!) and was almost inclined to DISPLAY it instead of USE it! The
paddles are EXTREMELY adjustable for almost anyone's taste (I like my
paddles to 'brush' the desktop - with this one I can "have it my way!"),
and is modifiable to a single paddle by simply screwing in one screw!
Surely something for everyone here!

Anyway, just thought I'd pass on another good word for this, and the usual
disclaimers apply (in no way do I benefit from the sales of WBL Designs -
other than to be confident that they'll be there for a time to come!)

     72's
     Rohn Blake N0RTX
+--+
| Twin Cities Repeater Club(147.21+), ARRL, NorCal, QRP-L, Skywarn and MORE! |
+--+

Date: Tue, 17 Jun 1997 14:03:06 -0500
From: AA0QX <AA0QX@prodigy.net>
To: Andrea Braga <andreab@altrimedia.it>
Cc: qrp-l@Lehigh.EDU

Subject: [21516] Re: GQRP - Info MFJ 9420
Message-ID: <33A6DF6A.464C@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Andrea Braga wrote:
>
> Hi, I'm an italian ham and I woul like to know if someone has the MFJ
> 9420 SSB-CW transceiver...
> How does it works on 20 meters? With a dipole, it is possible to have
> nice qso in SSB?
> Thanks for your replay!
> Vy 73 de IZ4BKK Andrea - I QRP Club #214
>
> ---
> Via GQRP-L - The G-QRP Club mailing list

I picked up one second hand at a hamfest at a real good price. It's
been a lot of fun. I have no problems running mobile, and have worked a
good bit of DX on a Hustler whip. I get good reports on the audio.
It's a real radio, not just a toy. It won't break through a pile-up,
but it's one of those rigs I'm really enjoying.

72 de Austin aa0qx

Date: Tue, 17 Jun 1997 15:13:27 -0400 (EDT)
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
To: rohn@pubrats.com
Cc: qrp-l@Lehigh.EDU
Subject: [21517] Re: 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <97Jun17.151333-0400_edt.10407-19864+14@hooch.cc.Lehigh.EDU>
Content-Type: text

> I was just going through some archives regarding the 38s and came across
> something that SOMEHOW had missed my eye the first time... Mike Gipe's
> (K1MG) Digital (LCD) Readout / 24hr clock!

  Check-out http://www.fix.net/~jparker/blusky/ccd.htm

  $29.95 + S/H

73
Jim N3VXI

Date: Tue, 17 Jun 1997 12:21:28 -0700
From: Rohn <rohn@pubrats.com> (by way of Jerry Parker <jparker@fix.net>)
To: qrp-l@Lehigh.EDU
Subject: [21518] 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <2.2.32.19970617192128.008a4a34@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes,

Mike has a web page up:

        http://www.fix.net/~jparker/blusky.htm

The particulars and pictures of Mikes neat display is there.

Enjoy,,,72,,,Jerry...WA6OWR...K

****

I was just going through some archives regarding the 38s and came across
something that SOMEHOW had missed my eye the first time... Mike Gipe's
(K1MG) Digital (LCD) Readout / 24hr clock!

Does anyone (Mike?) have any info on the current state of this mod? Was it
abandoned (oh no! is lack of discussion an indication of this)? Is it
available somewhere?

Any info would surely be appreciated!

     72's
     Rohn Blake N0RTX
+--+
| Twin Cities Repeater Club(147.21+), ARRL, NorCal, QRP-L, Skywarn and MORE! |
+--+

Date: Tue, 17 Jun 1997 13:47:17 -0600
From: Steve Galchutt <N0TU@webaccess.net>
To: zlau@arrl.org
Cc: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [21519] Re: Orvis Clip-On Magnifiers
Message-ID: <33A6E9C5.606B@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack Lau wrote:
>
> I noticed Orvis in Manchester VT had these on sale for $16 (reg 24.95)
> They are the big name in fly fishing supplies--and sell by mail as well.
>
> Someone showed these off at the last QRP NE meeting--you clip
> them to your glasses to get extra magnification (couple different
> ones, think they still had a 4x). Problem is, they only work if
> your glasses are the right size (mine were too small :-(   ).

I'm using a brand x that clips onto the visor or bill of a baseball hat.
Works great for reading values off those tiny parts ...or tying a 7x
tippet on the #24 nymph. My xyl says I look a little strange wearing the
hat indoors but I can bare the harrasement (sp) !....Great lil tool for
us older almost blind duffers.   Steve

CW, Thy original mode. QRP, an intelligent use of Bandwidth & Energy!
N0TU/hw8/49er/NW8020/SW40/38s/solar/backpack-mobile...   QRP-L # 911
My homepage - http://www.webaccess.net/~S&P   ARS# 206 CQC# 394

Date: Tue, 17 Jun 1997 19:54:59 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [21520] Logging Program Survey
Message-ID: <33a8e868.281313003@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Given the interest and success of the 24 hour clock survey, I'd like
to compile a list of logging programs ... paper excluded (Yes, I
still keep a paper log in addition to the computer log!).

What I'm interested in knowing is the following:

Name of program/version/Platform

source (internet address/site preferred)

Shareware? Freeware? Cost (including cost to register)?

Demo available? Is it crippled?

=46avorite features (max of four, please)

Least favorite features, or features I wished worked differently
(max of two please)

=46eatures it doesn't have, but I sure need (max of two)

A completed survey might be as follows:

>
>Name of program/version/Platform

Hyperlog 3.06D DOS, will run under Win95

>source (internet address/site preferred)

http://www.akorn.net/~w4wt/

>Shareware? Freeware? Cost (including cost to register)?

Shareware, $45

>Demo available? Is it crippled?

Yes, limited to 100 contacts, irritating nag screen, reports print
"UNREGISTERED"

>Favorite features (max of four, please)

Shows all bands/2 modes QSL status for that s/p/c
Shows time, beam headings, distance
Everything on one screen
Automatically completes rarely changed information

>Least favorite features, or features I wished worked differently (max of=
 two please)

Limited reporting capabilities
Interface to Address database only supports commercial -- can't use
the FCC free version

>Features it doesn't have, but I sure need (max of two)

Ability to track (and display) categories of contacts, like 2xQRP by
mode, and display on screen with general QSL information

Doesn't support contest operations

(end of survey)

Please leave the subject line unchanged when responding, as I'll
move every message with that subject line to a separate folder.
I'll try to compile the results into a meaningful result (therein
lies the challenge for me!), and report by July 1.

72 es 73 de=20
Marty, KM7W
____
Jackson, Tennessee   e-mail: mdwatt@usit.net
                                  http://www.public.usit.net/mdwatt
                                                "The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

Date: Tue, 17 Jun 1997 19:54:57 GMT
From: mdwatt@usit.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21521] Re: MFJ-418 Review [long]
Message-ID: <33a7cf19.274833247@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 15 Jun 1997 23:46:48 +0100, adams@chuck.dallas.sgi.com
(Chuck Adams) wrote:

>I've had the thing a week now. I put in a 9V NiCad battery and it is
>still running after a large number of hours in the neighborhood of 15
>or more hours. This is a 9V NiCad and not the 7.2V NiCad that a lot
>of people manufacturer. Also read the rest of this posting very
~~~~~~

>carefully and figure out how I got a large number of hours and am still
>going on the same battery. It's so simple yet so elegant.
 (snipped)
>OK, let me stop here. I can write a lot more, but let me spare you.
>This is the hottest item on sale this year so far IMHO. If you are =
serious
>about increasing your code speed then by all means get one. Carry it
>everywhere. Get you a good pair of headphones. I have found that some
>will thump on you despite the shaping by the MFJ. Remember low volume =
at
>all times.
>
>The schematic shows a 16C63 Pic with display and LM386 audio chip and
>24C65 memory (I assume that means 65K). Rather simple but does the job
>nicely.
>
>How does this relate to this group. Well, if you have had trouble with =
the
>'blinding' code speeds of the foxhunts, then get an MFJ now and get =
ready
>before October. No excuses this year for not being ready. Same for SS
>or any other CW contest. Faster and faster until the thrill of speed
>over comes the fear of failure.

OK, so where's the battery life extention miracle? I'm a dolt and
missed it ... :)

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee   e-mail: mdwatt@usit.net
                                  http://www.public.usit.net/mdwatt
                                          "The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~~

Date: Tue, 17 Jun 1997 13:21:47 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [21522] Index labs service, etc.
Message-ID: <199706172021.NAA22101@siskiyou.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
~~~~~~

Hi, gang.
        An isolated obscene phone call and a supposition as to who did it doesn't seem to be QRP dialog. It's too easy to spread bad info this way.
        Now, how about getting back to QRP stuff.....

73 de Jim, W7LS

Date: Tue, 17 Jun 1997 13:30:00 -0700 (PDT)
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
To: w7ls@brigadoon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21523] QEX, info, etc. (was Re: Index labs service, etc.)
Message-ID: <Roam.SIMCSD.2.0.4.866579400.17531.myers@bigboy>
Content-Type: text

Jim W7LS wrote:
> Hi, gang.
>   An isolated obscene phone call and a supposition as to who did it
> doesn't seem to be QRP dialog. It's too easy to spread bad info this way.
>   Now, how about getting back to QRP stuff.....

Excellent wisdom!

Speaking of info, I wrote Jon Bloom at the ARRL to ask about QEX, since I seemed to read a note here on QRP-L that publication had been suspended - as in indefinitely. Well, Jon wrote back and informed me that QEX *had* been suspended, but is back in operation, the July issue is in the mail.

Thanks Jon!

Dana K6JQ
Dana@Source.Net

Date: Tue, 17 Jun 1997 16:29:33 EDT
From: rob3ert@juno.com (Robert G. Parks)
To: rohn@pubrats.com
Cc: qrp-l@Lehigh.EDU
Subject: [21524] Re: 38s Digital Display *AND* 24hr CLOCK!
Message-ID: <19970617.132811.3606.1.rob3ert@juno.com>

Rohn,

Go to:

     http://www.fix.net/~jparker/blusky/ccd.htm

and see it!

72/73

Bob Parks
K6AEC (Las Vegas)

On Tue, 17 Jun 1997 13:26:23 -0500 Rohn <rohn@pubrats.com> writes:
>I was just going through some archives regarding the 38s and came
>across
>something that SOMEHOW had missed my eye the first time... Mike Gipe's
>(K1MG) Digital (LCD) Readout / 24hr clock!
>
>Does anyone (Mike?) have any info on the current state of this mod?
>Was it
>abandoned (oh no! is lack of discussion an indication of this)? Is it
>available somewhere?
>
>Any info would surely be appreciated!
>
>   72's
>   Rohn Blake N0RTX
>+---+
>| Twin Cities Repeater Club(147.21+), ARRL, NorCal, QRP-L, Skywarn and
>MORE! |
>+---+
>
>
>

Date: Tue, 17 Jun 97 13:39:28 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-l@Lehigh.EDU (qrp)
Subject: [21525] 38S: filter xtal question
Message-ID: <9706172039.AA04032@wizard.ucs.sfu.ca>

Hi There,

I'm in the process of putting together 2 38s's and have decided to start
with the 2 xtal filter ala the "optimized 38s", and need some input
on xtal selection. Jim recommends Mouser's 520-HCA1200-S, but I wondering
if I can combine the xtals from the two kits for one rig and use some
FOXKR7121 xtals that I got from my local Active Electronics. I'm trying
to avoid the delay associated with another cross border order.

Also, can someone recommend a circuit for an oscillator to use for matching
purposes.

Thanks in advance.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Tue, 17 Jun 1997 15:37:08 -0400 (EDT)
From: n4js@amsat.org
To: rohn@pubrats.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21526] RE: WBL Designs V22
Message-ID: <XFMail.970617153813.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 17-Jun-97 Rohn expounded:
>Found my very own V22 (from WBL Designs) at my doorstep a bit over a week
>ago... sorry for the delay in reporting.
>

I had ordered one about 6 weeks ago. He said it would be about 5 weeks. Wonder
when you ordered yours?

Sent at 15:38:13 on 17-Jun-97
 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

Date: Tue, 17 Jun 1997 15:28:32 -0400 (EDT)
From: n4js@amsat.org
To: Paul Erickson <paul1@wizard.ucs.sfu.ca>, paulc@mediaone.net
Cc: qrp-l@Lehigh.EDU
Subject: [21527] Re: Portable Paddle
Message-ID: <XFMail.970617153303.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

To all that asked,

Boyd is a retired guy, who makes these keys as "a labor of love." He doesn't take plastic. Jess, K0TFI's home page is where I first heard about them. The URL is http://www.concentric.net/~Jessqrp. Jess has 6 pictures of the key, as well as ordering info.

I just installed a TiCk in my NW80, works great! (Followed Roy's suggestion on sidetone. Even with the 1 meg resistor, I had PLENTY!). Using it with the TE NE KE.

Sent at 15:33:03 on 17-Jun-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

Date: Tue, 17 Jun 1997 22:14:14 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [21528] Envirotronic Inc.
Message-ID: <199706172114.WAA21566@chuck.dallas.sgi.com>

Gang,

In keeping with making sure that all information is up to date,

I called and talked to Gene Thoma, K0LSS, at Envirotronic Inc.

He makes two Iambic Paddles, the Model 501G (was the 501F when I bought it) for $64.95 and the Model 502B for $74.95. The 501F I have written a review on previously, see 960323 archives and look for Envirotronic in the subject line. Or go to my web page below and have a peek. In fact I just did that I have to go back and add some more close up picks. I had the 501F out last night 'cuz someone at the last NORTEX meeting told me that they thought I had said last year that the Envirotronic Paddle was the best that I had felt at the time, but that was not in the review. :-) Though it does feel very good and at the price that Gene is making this thing for it is a good bang per buck (don't bang on it, please). ;-)

There is a shipping charge of $5.50 for USPS.

Gene is a personable individual over the phone and I have never met the gentleman in person. He does this as a hobby, not as a living. He is doing this at a pace so that he won't burn out. So if you want a paddle yesterday or tomorrow, forget it. If you are willing to wait a little longer then you will be happy. Don't rush him and don't become a nuisance by calling every day to check on it. It just adds to the overhead.

One of the things that this group of 3,000 individuals has to keep in mind is that when just a few hundred people in this group want to order something, we can just about put a bubble in the production line of a lot of places.

Again, I don't get a dime for this information and it usually costs me as I bought one and the phone calls I pay for myself.

I do carry the 501F on trips when I am able to carry a rig. No way the V2L or V22 from WBL Designs (the home keys) are going anywhere else.

OK, so here is the mailing address again:

Envirotronic Inc.
526 Silverlake Road
St Paul, MN 55112

The two models are the 501G and the 502B. The 501G upgrade from the 501F was a knurled knob to adjust instead of a screwdriver on the spacing. I haven't see it yet.
Please wait a day or two before order yours. :-) If you do.

FYI only

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/
WIMPS: Qs=037 30m=32 17m=5 12m=0 States=22/05/00 DX=03/00/00 QSLs=014

Date: Tue, 17 Jun 1997 17:34:01 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@Lehigh.EDU
Subject: [21529] RE: [CW] CW QSOs
Message-ID: <3.0.1.32.19970617173401.006ec368@p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>At 08:12 AM 6/17/97 +0200, David Reid wrote:
>
>
>Years ago, have not heard of it in decades, we used to get
>a certificate in the Rag-chewer's Club if we CW QSO'd for at least
>30 minutes with another member of the Club.

The Rag-Chewers's certificate is still given out. It's through the ARRL
now. One 30 minute QSO is all that's needed.

          ==========
          73 de Bob, W3CW
          New Hope Pennsylvania
          ==========
          fists #2491
          qrp-arci #8700
          qrp-l #450
          ==========

Date: Tue, 17 Jun 1997 14:32:14 -0700
From: Bill Todd <bill@techline.com>
To: KFGlynn@prodigy.net
Cc: qrp-l@Lehigh.EDU
Subject: [21530] Re: SSB QRP for FD
Message-ID: <1.5.4.32.19970617213214.006b4ccc@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:50 AM 6/17/97 -0400, you wrote:
>Hi gang,
>
>Does the ARRL for FD consider QRP 5 watts PEP; not 10?

Chuck was right when he said that the ARRl only allows 5 watts for SSB. NOT 10 watts pep like I indicated.

This same issue came up when the NW QRP Club ran their Digital Contest, where I made the mistake on saying that 10 watts pep was OK for QRP levels. I got straightened out on that one too (hi).

BCNU,
CUL - Bill-N7MFB
http://www.techline.com/~bill

Date: Tue, 17 Jun 1997 15:47:32 -0600
From: mus_jdr@vino.emcmt.edu
To: qrp-l@Lehigh.EDU
Subject: [21531] FS: Heathkit HW-9 and Accessories
Message-ID: <97061715473204@vino.emcmt.edu>

Having recently upgraded to a QRP+ and a 38S (!!!) its time for me to find a good home for my heathkit HW-9 and accessories. The following are for sale as a complete package only, mint condition electronically and physically, no mods, with original manuals. $500.00 for the package and I pay shipping.

Here is what I have:

HW-9 Transciever with WARC package
PSA-9   Power Supply
HM-9 Wattmeter
HFT-9A Antenna Tuner
SP-99   Speaker

I am also selling a Heathkit Audio Filter, HD-1418. Also mint and working well. $50.00 and I pay shipping.

All units have recently been on the air and are working well. Never been out of the shack (no camping trips, FYBO, or the like!).

reply via: e-mail   mus_jdr@vesper.emcmt.edu

phone   406.256.5004

Cheers, Jim Robertson, k7kbd

Date: Tue, 17 Jun 1997 14:58:04 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: qrp-l@Lehigh.EDU
Subject: [21532] 38S vs. SST
Message-ID: <Pine.BSI.3.91.970617145454.960A-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm deciding what my next project should be: an 30M SST or the 38 Special. I will be using them in situation where the antennas will be less than desirable. I was wondering if anyone has built both of them and can give me a report on the receivers sensitivity and noise. I will end up building both, but for the next few months I won't have a lot of time so I can only work on one of them right now.

Thanks a million!

Kory
AC6RN

Date: Tue, 17 Jun 1997 18:50:00 -0400
From: VE3JC John <jbcumming@wwdc.com>
To: qrp-l@Lehigh.EDU
Subject: [21533] QRP category restored in Canada Day Contest !!
Message-ID: <33A71498.336D@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm delighted to report that RAC (Radio Amateurs of Canada) has decided to restore the QRP category for their contests. The QRP class was dropped in 1995 apparently due to 'lack of interest'.
     The major Canadian contest is on Canada Day, July 1st. Rules and information can be found at http://www.rac.ca/CANDAY.htm
     "The top-scoring foreign entrant will also win the Jorge Bozzo LU8DQ Memorial Plaque sponsored by Alan Goodacre,

VE3HX/VE2AEJ. Certificates will be awarded to the top-scoring entrant in each category in each province, territory, US call area, and DXCC country."

Hope to work you all on Canada Day!

72/73, John

****

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

End of QRP-L Digest 760

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